FLOROIAN LAURA

Fişa de verificare
privind îndeplinirea standardelor specifice minimale necesare şi obligatorii pentru acordarea atestatului de abilitare

1. Comisia: **COMISIA ELECTRONICĂ, TELECOMUNICAȚII ȘI NANOTEHNOLOGIE**

2. Enumerarea criteriilor și a modului de îndeplinire a acestora

Activitatea didactică şi profesională (A1) **1.1. Cărți și capitole în cărți de specialitate (min 1 carte)** **1.1.1. Internaționale**	**Indicatori (Kpi)**	**Punctaj obținut**
1. Vladescu A., Badea M., Padmanabhan S.C., Paraschiv G., **Floroian L.**, Gaman L., Morris M.A., Marty J.L., Cotrut C.M., Chapter 15 - *Nanomaterials for medical applications and their antimicrobial advantages, in Materials for Biomedical Engineering. Bioactive Materials for Antimicrobial*, Anticancer, and Gene Therapy, Eds. Alina-Maria Holban and Alexandru Mihai Grumezescu, Ed. Elsevier Publishing House, 2019, pp. 409-431, eBook ISBN: 9780128184363, Paperback ISBN: 9780128184356, https://www.sciencedirect.com/science/article/pii/B9780128184356000153	50/4*nr. autori	1,80
2. Badea M., **Floroian L.**, Marculescu A., Gaceu L., Moga M., Gaman L., Cobzac C., Chang Q., Xue J., Restani P. *Classic/Recommended Methods and Development of new Methods to Control Residues and Contaminants of Botanicals*, in Springer (Ed.) Food Supplements Containing Botanicals: Benefits, Side Effects and Regulatory Aspects, Italia, Ed. Patrizia Restani, ISBN 978-3-319-62228-6, ISBN 978-3-319-62229-3 (eBook), DOI: 10.1007/978-3-319-62229-3, 2018, pp. 349-379, https://link.springer.com/chapter/10.1007/978-3-319-62229-3_11	50/4*nr. autori	1,25
3. Floroian L., Popescu A., Serban N., Mihailescu I. N., *Polymer-Bioglass Composite Coatings: A Promising Alternative For Advanced Biomedical Implants*, in John Cuppoletti (Ed.), Metal, Ceramic and Polymeric Composites for Various Uses, INTECH, 2011, 28 pag., ISBN 978-953-307-353-8, https://www.intechopen.com/chapters/16716	50/4*nr. autori	3,13
Activitatea didactică şi profesională (A1) **1.1. Cărți și capitole în cărți de specialitate** **1.1.2. Naționale**	**Indicatori (Kpi)**	**Punctaj obținut**
1. Floroian L., Samoilă C., Ursuțiu D., *Funcţionalizarea suprafeţelor pentru aplicaţii medicale şi electronică,* Braşov, Ed. Universităţii Transilvania din Braşov, 2022, 225 pag, ISBN: 978-606-19-1547-7	50/nr. autori	16,67
2. Floroian L., Boer A., *Spectroscopie*, Ed. Universităţii Transilvania din Braşov, 2009, 220 pag, ISBN: 978-973-598-668-1	50/nr. autori	25,00
Total A1.1.		**47,85**
Activitatea didactică şi profesională (A1) **1.2. Material didactic/ lucrări didactice** **1.2.1. Manuale didactice**	**Indicatori (Kpi)**	**Punctaj obținut**
1. Floroian L., Moldoveanu F., *Electronică digitală. Logică combinațională*, Ed. Universităţii Transilvania din Braşov, 2013, 200 pag, ISBN: 978-606-19-0247-7	40/nr. autori	20,00
2. Floroian L., *Fizică generală-lucrări de laborator*, Editura Universității Transilvania din Brașov, 2014, 134 pag, ISBN: 978-606-19-0347-4	40/nr. autori	40,00
TOTAL A1 (min 100)		**107,85**

Activitatea de cercetare (A2) (min 600) **2.1. Articole în reviste cotate ISI Thomson Reuters şi în volume indexate ISI proceedings (min 15) – 37 articole**	**Indicatori (Kpi)**	**Punctaj obținut**
1. Floroian, L., Badea M., *In vivo biocompatibility Study on Functional Nanostructures Containing Bioactive Glass and Plant Extracts for Implantology*, Int. J. Mol. Sci., 25(8), 2024, 4249; ISSN: 1422-0067 (Factor de Impact: 4,9) **Q1,** https://doi.org/10.3390/ijms25084249)	(25 + 30 x FI) / nr. autori	86,00
2. Ginerica, C., Zaha, M., **Floroian, L.**, Cojocaru, D., Grigorescu, S. *A Vision Dynamics Learning Approach to Robotic Navigation in Unstructured Environments*, Robotics, 13, 15, 2024, ISSN: 2218-6581 (Factor de Impact: 3,3) **Q2** https://doi.org/10.3390/robotics13010015	(25 + 30 x FI) / nr. autori	24,80
3. Negut I.*, **Floroian L.*,** Ristoscu C., Mihailescu CN, Mirza Rosca JC, Tozar T., Badea M., Grumezescu V., Hapenciuc C., Mihailescu I.N., *Functional bioglass—biopolymer double nanostructure for natural antimicrobial drug extracts delivery*, Nanomaterials, 10(2), 385, 2020, ISSN:2079-4991 (Factor de Impact: 4,3) **Q2,** https://www.mdpi.com/2079-4991/10/2/385	(25 + 30 x FI) / nr. autori	15,40
4. Badea M., di Modugno F., **Floroian L.,** Tit D.M., Restani P., Bungau S., Iovan C., Badea G. E., Aleya L., *Electrochemical strategies for gallic acid detection: Potential for application in clinical, food or environmental analyses*, Science of The Total Environment, 672, 2019, pp. 129-140, ISSN 0048-9697, (Factor de Impact: 8,0) **Q1,** https://doi.org/10.1016/j.scitotenv.2019.03.404	(25 + 30 x FI) / nr. autori	29,44
5. Luzardo O.P., Badea M., Zumbado M., Rogozea L., **Floroian L.**, Ilea A., Moga M., Sechel G., Boada L.D., Henríquez-Hernández L. A., *Body burden of organohalogenated pollutants and polycyclic aromatic hydrocarbons in Romanian population: influence of age, gender, body mass index, and habitat*, Science of the Total Environment, 656, 2019, pp. 709–716, ISSN:0048-9697 (Factor de Impact: 8,0) **Q1** https://www.sciencedirect.com/science/article/pii/S0048969718347594	(25 + 30 x FI) / nr. autori	26,50
6. Chelmea L., Di Modugno F., Samota I., Bobescu E., **Floroian L.**, Restani P., Cioca G., Bungau S., Badea M., *New Electrochemical Detection Strategies for Iodinated Compounds*, Revista de chimie, 2019, 70, 3, pp. 919-924, (Factor de Impact: 1.755), https://www.revistadechimie.ro/Articles.asp?ID=7031	(25 + 30 x FI) / nr. autori	8,63
7. Panait D.E., Jufa A.C., **Floroian L.**, Pascu A. M., Badea M., Popa M., Macocian E.V., Cioca G., Bungau S., *Electromagnetic pollution of the environment due leakage radiation from microwave ovens*, MATERIALE PLASTICE, 56, No. 1, 2019, pp. 82-86, ISSN: 2668-8220 (Factor de Impact: 0,7) **Q4** https://www.revmaterialeplastice.ro/Articles.asp?ID=5128	(25 + 30 x FI) / nr. autori	5,11
8. Calaver D., **Floroian L.**, Grigorescu S.M., *Assistive Rehabilitation Using a 7-DoF Robotic Arm with Self-Collision and Obstacle Avoidance System*, IEEExplore, 2019, E-HEALTH AND BIOENGINEERING CONFERENCE (EHB), NOV 21-23, 2019, Iasi, Romania, ISSN: 2575-5137, eISSN: 2575-5145, DOI:10.1109/EHB47216.2019.8970082 https://ieeexplore.ieee.org/abstract/document/8970082	(25 + 30 x FI) / nr. autori FI=0,25	10,83
9. Badea M., Antuña A.G., Zumbado M., Rogozea L., **Floroian L.**, Alexandrescu D., Moga M., Gaman L., Radoi M., Boada L. D, Henríquez-Hernández L. A., *Body burden of toxic metals and rare earth elements in non-smokers, cigarette smokers and electronic cigarette users,* Environmental Research, vol 166, pp. 269-275, 2018, ISSN:0013-9351 (Factor de Impact: 7,7) **Q1**, https://www.sciencedirect.com/science/article/pii/S0013935118303098	(25 + 30 x FI) / nr. autori	23,27
10. Miccoli A., Restani P., **Floroian L.**, Taus N., Badea M., Cioca G., Bungau S., *Sensitive electrochemical detection method of melatonin in food supplements*, REV.CHIM.(Bucharest), 69, 4, 2018, ISBN:0034-7752, (Factor de Impact: 1.755), http://www.revistadechimie.ro/pdf/21%20MICCOLI%204%2018.pdf	(25 + 30 x FI) / nr. autori	11,09
11. Badea, M., Chiperea, S., Balan, M., **Floroian L.**., Restani, P., Marty, J.-L., Iovan, C., Tit, D. M., Bungau, S., Taus, N, *New approaches for electrochemical detection of ascorbic acid*, Farmacia, 66, pp. 83-87, 2018, ISBN:0014-8237 (Factor de Impact: 1,3) **Q4**	(25 + 30 x FI) / nr. autori	6,40

http://www.revistafarmacia.ro/201801/art-11-Badea_Iovan_Taus_83-87.pdf		
12. Floroian L., Ristoscu C., Candiani G., Pastori N., Moscatelli M., Mihailescu N., Negut I., Badea M., Gilca M., Chiesa R., Mihailescu I.N., *Antimicrobial thin films based on ayurvedic plants extracts embedded in a bioactive glass matrix*, Applied Surface Science, 2017, ISSN:0169-4332 (Factor de Impact: 6,9) **Q1** http://dx.doi.org/10.1016/j.apsusc.2017.02.197,	(25 + 30 x FI) / nr. autori	21,09
13. Floroian L., Craciun D., Socol G., Dorcioman G., Socol M., Badea M., Craciun V., *Titanium implants' surface functionalization by pulsed laser deposition of TiN, ZrC and ZrN hard films*, Applied Surface Science, 2017, ISSN:0169-4332 (Factor de Impact: 6,9) **Q1,** http://dx.doi.org/10.1016/j.apsusc.2017.03.068	(25 + 30 x FI) / nr. autori	33,14
14. Coman S., Boldisor C., **Floroian L.**, *Fractional adaptive control for a fractional - order insuline - glucose dynamic model*, IEEExplore, 2017, DOI: 10.1109/OPTIM.2017.7975082**,** ISBN:978-1-5090-4489-4, https://ieeexplore.ieee.org/document/7975082	(25 + 30 x FI) / nr. autori FI=0,25	10,83
15. Cotfas D.T., Cotfas P.A., **Floroian L.**, Floroian D., *Study of combined photovoltaic cell/thermoelectric element/solar collector in medium concentrated light*, IEEExplore, 2017 International Conference on Optimization of Electrical and Electronic Equipment (OPTIM) & 2017 Intl Aegean Conference on Electrical Machines and Power Electronics (ACEMP), Brasov, Romania, 2017, pp. 747-752, doi: 10.1109/OPTIM.2017.7975058, https://ieeexplore.ieee.org/document/7975058	(25 + 30 x FI) / nr. autori FI=0,25	8,13
16. Badea M., **Floroian L.**, Restani P., Moga M., *Simple surface functionalization strategy for immunosensing detection of aflatoxin B1*, International Journal of Electrochemical Science, 11, 2016, pp. 6719 – 6734, ISSN:1452-3981, (Factor de Impact: 2,4) **Q3** http://www.electrochemsci.org/papers/vol11/110806719.pdf	(25 + 30 x FI) / nr. autori	24,25
17. Badea M., **Floroian L.**, Restani P., Cobzac S.C., Moga M., *Ochratoxin A Detection on Antibody- Immobilized on BSA-Functionalized Gold Electrodes*, PLoS ONE 2016, ISSN:1932-6203, 11(7): e0160021. doi:10.1371/journal.pone.0160021, (Factor de Impact: 3,752) **Q2** https://www.ncbi.nlm.nih.gov/pubmed/27467684	(25 + 30 x FI) / nr. autori	27,51
18. Floroian L., Ristoscu C., Mihailescu N., Negut I., Badea M., Ursutiu D., Chifiriuc M.C., Urzica I., Dyia H.M., Bleotu C., Mihailescu I.N., *Functionalized antimicrobial composite thin films printing for stainless steel implant coatings*, Molecules, 2016, 21, pp. 740-758, ISSN:1420-3049 (Factor de Impact: 4,6) **Q2,** https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6274373/	(25 + 30 x FI) / nr. autori	14,82
19. Ciuca S., Badea M., Pozna E., Pana I., Kiss A., **Floroian L.**, Semenescu A., Cotrut C.M., Moga M., Vladescu A., *Evaluation of Ag containing hydroxyapatite coatings to the Candida albicans infection*, Journal of Microbiological Methods, 2016, vol 125, pp. 12-18, ISSN:0167-7012, (Factor de Impact: 1,9) **Q4** https://www.sciencedirect.com/science/article/pii/S0167701216300471	(25 + 30 x FI) / nr. autori	8,2
20. Gaceu L., Badea M., Floroian L., Perini A., Restani P., Oprea O.B, *Risk of mycotoxin in cereals and new detection methods*, Actual Tasks on Agricultural Engineering-Zagreb, 44, pp. 321-331, 2016, 44th International Symposium on Actual Tasks on Agricultural Engineering, Opatija, CROATIA, feb 23-26, 2016, ISSN 1848-4425, WOS:000432240900029, https://www.cabdirect.org/cabdirect/abstract/20163246108	(25 + 30 x FI) / nr. autori FI=0,25	5,42
21. Cotfas D.T., Cotfas P.A., Floroian D., **Floroian L.**, *Accelerated life test for photovoltaic cells using concentrated light*, International Journal of Photoenergy, Volume 2016 (2016), Article ID 9825683, 7 pag, ISSN:1110-662X, (Factor de Impact: 2,7), **Q2** http://dx.doi.org/10.1155/2016/98256832016	(25 + 30 x FI) / nr. autori	26,50
22. Floroian L., Samoila C., Badea M., Munteanu D., Ristoscu C., Sima F., Negut I., Chifiriuc M. C., Mihailescu I. N., *Stainless steel surface biofunctionalization with PMMA-bioglass coatings: compositional, electrochemical corrosion studies and microbiological assay*, Journal of Materials Science: Materials in Medicine, 2015, vol 26, pp. 195-209, ISSN: 0957-4530, (Factor de Impact: 4,5) **Q2** https://www.ncbi.nlm.nih.gov/pubmed/26085116	(25 + 30 x FI) / nr. autori	17,78
23. Cotfas D.T., Cotfas P.A., Floroian D., **Floroian L.**, Cernat M., *Ageing of Photovoltaic Cells Under Concentrated Light*, IEEExplore, 2015 Intl Aegean	(25 + 30 x FI) / nr.	6,50

Conference on Electrical Machines & Power Electronics (ACEMP), 2015 Intl Conference on Optimization of Electrical & Electronic Equipment (OPTIM) & 2015 Intl Symposium on Advanced Electromechanical Motion Systems (ELECTROMOTION), DOI:10.1109/OPTIM.2015.7427048, https://ieeexplore.ieee.org/document/7427048	autori FI=0,25	
24. Popescu-Pelin G., Craciun D., Socol G., Cristea D., **Floroian L.**, Badea M., Socol M., Craciun V., *Investigations of pulsed laser deposited TiN thin films for titanium implants*, Romanian Reports in Physics, Vol. 67, No. 4, pp. 1491–1502, 2015, ISSN:1221-1451, (Factor de Impact: 2,2) **Q2** http://www.rrp.infim.ro/2015_67_4/A28.pdf	(25 + 30 x FI) / nr. autori	11,38
25. Floroian, L., Florescu, M., Munteanu, D, Badea, M., Popescu-Pelin, G., Ristoscu, C., Sima, F., Chifiriuc, C.M., Mihailescu, I.N., *A new concept of stainless steel medical implant based upon composite nanostructures coating*, Digest Journal of Nanomaterials and Biostructures, vol 9, nr 4, oct-dec, 2014, pp. 1555-1568, ISSN:1842-3582 (Factor de Impact: 1,3) **Q4** http://www.chalcogen.ro/1555_Floroian.pdf	(25 + 30 x FI) / nr. autori	7,11
26. Cotfas P.A., Cotfas D. T., **Floroian L.**, Floroian D., *General Physics Remote Laboratory based on the NI ELVIS Platform and Moodle*, IEEExplore, apr. 2014, ISBN: 978-1-4799-2024-2, DOI: 10.1109/REV.2014.6784244, https://ieeexplore.ieee.org/document/6784244	(25 + 30 x FI) / nr. autori FI=0,25	8,13
27. Cotfas, D.T., Floroian D., Cotfas P.A., **Floroian L.**, Rubin, R., Lieberman, D., *The study of the photovoltaic cells parameters in concentrated sunlight*, IEEExplore, mai 2014, DOI: 10.1109/OPTIM.2014.6850916, Print ISSN: 1842-0133, https://ieeexplore.ieee.org/document/6850916	(25 + 30 x FI) / nr. autori FI=0,25	5,42
28. Floroian D., Floroian L., Rubin R., Lieberman, D., Cotfas, P., Cotfas, D., Ursutiu, D., Samoila, C., *Measurements in Concentrated Sun using a Remote Controlled Robot*, International Journal of Online Engineering, 9 (3), pp. 50-54, DOI: 10.3991/ijoe.v9iS3.2544, WOS:000422502400008, https://online-journals.org/index.php/i-joe/article/view/2544	(25 + 30 x FI) / nr. autori FI=0,25	4,06
29. Floroian D., Floroian L., Rubin R., Lieberman, D., Cotfas, P., Cotfas, D., Ursutiu, D., Samoila, C., *Remote Controlled Robot for Automatic Measurements in Concentrated Sun*, IEEExplore, nov 2014, 10th International Conference on Remote Engineering and Virtual Instrumentation (REV), Sydney, Australia, 2013, WOS:000395527700022, ISBN978-1-4673-6346-4, 978-1-4673-6345-7, DOI: 10.1109/REV.2013.6502908 https://ieeexplore.ieee.org/document/6502908	(25 + 30 x FI) / nr. autori FI=0,25	4,06
30. Floroian, L., Florescu, M., Sima F., Popescu-Pelin, G., Ristoscu, C., Mihailescu, I.N., *Synthesis of biomaterial thin films by pulsed laser technologies: electrochemical evaluation of bioactive glass-based nanocomposites coatings for biomedical applications*, Materials Science and Engineering C (Continued as Biomaterials Advances), Elsevier, Nederland, 32 (5), 2012, pp. 1152 – 1157, ISSN: 0928-4931, (Factor de Impact: 6) **Q2** https://www.sciencedirect.com/science/article/pii/S0928493112001038?via%3Dihub	(25 + 30 x FI) / nr. autori	34,17
31. Floroian, D., **Floroian, L.**, Moldoveanu, F., *Multiagent System for Monitoring Chronic Diseases*, Vol. 36, 2011, Springer, Heidelberg, Germany, IFMBE (The International Federation for Medical and Biological Engineering) Proceedings 00360067, S. Vlad, R.V. Ciupa, A. I. Nicu (Eds.), pp. 26-31, ISSN: 1680-0737, DOI: 10.1007/978-3-642-22586-4-7, http://link.springer.com/chapter/10.1007%2F978-3-642-22586-4_7	(25 + 30 x FI) / nr. autori FI=0,25	10,83
32. Floroian, D., Ursutiu, D., Moldoveanu F., **Floroian, L.**, *RoboSmith: Wireless Networked Architecture for Multiagent Robotic System*, International Journal of Online Engineering, 6 (4), pp. 14-19, 2010, DOI: 10.3991/ijoe.v6i4.1468, WOS:000422505100003, ISSN 1868-1646, eISSN 1861-2121, (Factor de Impact: 0,13), https://online-journals.org/index.php/i-joe/article/view/1468	(25 + 30 x FI) / nr. autori	7,23
33. Floroian, L., Sima, F, Florescu, M., Badea, M., Popescu, A.C., Serban, N, Mihailescu, I.N., *Double layered nanostructured composite coatings with bioactive silicate glass and polymethyl-metacrylate for biomimetic implant applications*, Journal of Electroanalytical Chemistry, Elsevier, Nederland, vol. 648, 2010, pp. 111-118, ISSN: 1572-6657 (Factor de Impact: 4,1), **Q1** https://www.sciencedirect.com/science/article/abs/pii/S157266571000336X	(25 + 30 x FI) / nr. autori	21,14

34. Floroian, L., Mihailescu, I.N., Sima, F., Stanciu, G., Savu, B., *Evaluation of biocompatibility and bioactivity for pmma – bioactive glass nanocomposite films obtained by MAPLE*, Scientific Bulletin University Politehnica of Bucharest, Romania, Series A, Vol. 72, Iss.2, 2010, pp. 133-148, ISSN: 1223-7027 (Factor de Impact 0,6), **Q4** https://www.sciencedirect.com/science/article/abs/pii/S157266571000336X	(25 + 30 x FI) / nr. autori	11,96
35. Floroian, D., Moldoveanu, F., **Floroian, L.**, *Multi-Agent Model for a Mobile Hospital Logistic System*, Vol. 26, 2009, Springer, Heidelberg, Germany, IFMBE (The International Federation for Medical and Biological Engineering) Proceedings 00260067, S. Vlad, R.V. Ciupa, A. I. Nicu (Eds.), pp. 67-72, ISSN: 1680-0737, http://link.springer.com/chapter/10.1007%2F978-3-642-04292-8_15http://link.springer.com/chapter/10.1007%2F978-3-642-04292-8_15	(25 + 30 x FI) / nr. autori FI=0,25	10,83
36. Floroian, L., Savu, B., Stanciu, G., Popescu, A.C., Sima, F., Mihailescu, I. N., Mustata, R., Sima, L.E., Petrescu, S.M., Tanaskovic, D., Janackovic, D., *Nanostructured bioglass thin films syntherized by pulsed laser deposition: CLSM, Ftir investigations and in vitro biotests*, Applied Surface Science, Elsevier, Nederland,vol. 255, 2008, pp. 3056-3062, ISSN: 0169-4332 (Factor de Impact: 6,9), **Q1**, http://www.sciencedirect.com/science/article/pii/S0169433208019442	(25 + 30 x FI) / nr. autori	21,09
37. Floroian L., Savu B., Sima F., Mihailescu I. N., Tanaskovic D., Janackovic D., *Synthesis and characterisation of bioglass thin films*, Digest Journal of Nanomaterials and Biostructures, vol 2, nr 3, pp. 285-291, 2007, ISSN 1842–3582 (Factor de Impact: 1,3), **Q4** http://chalcogen.ro/Floroian.pdf	(25 + 30 x FI) / nr. autori	10,67
Total A2.1.		**619,72**

Activitatea de cercetare (A2) **2.2. Articole în reviste şi în volumele unor manifestări ştiinţifice indexate în alte baze de date internaţionale BDI – 32 articole**	**Indicatori (Kpi)**	**Punctaj obţinut**
1. L. Floroian, A. Lungu, M. Badea, *Study on the Effect of Noise Pollution on Public Health*, Bulletin of the Transilvania University of Braşov, Series VI: Medical Sciences, Vol. 15(64) No. 1, pp 1-8, 2022, https://doi.org/10.31926/but.ms.2022.64.15.1.1	20/nr. autori	6,67
2. L. Floroian, *Thin films for improving the properties of titanium implants*, Jurnal Medical Braşovean, nr.2/2022, pp. 18-24, https://doi.org/10.31926/jmb.2022.2.3	20/nr. autori	20,00
3. L. Floroian, Data management application in a smart hospital, Jurnal Medical Braşovean, nr.2/2021, pp. 59-65, Braşov, 2021, ISSN: 1841-0782, eISSN: 2247-4706, https://doi.org/10.31926/jmb.2021.2.5	20/nr. autori	20,00
4. M.D. Minzat, F.B. Gologan, **L. Floroian**, G. Coman, M. Badea, *Study on the degree of knowledge of the antioxidant role of glutathion between students in the field of life sciences*, Jurnal Medical Braşovean, nr.2/2021, pp. 47-56, Braşov, ISSN: 1841-0782, eISSN: 2247-4706, https://webbut.unitbv.ro/index.php/jmb/article/view/2784	20/nr. autori	4,00
5. L. Floroian, D. Floroian, M. Badea, *Advanced methods for thin layers of biomaterials obtaining with applications in implantology*, Jurnal Medical Braşovean, nr.1/2016, p. 4-10, Braşov, 2016, ISSN: 1841-0782, eISSN: 2247-4706. http://webbut.unitbv.ro/jmb/JMB%202016%20nr%201/01_01_referat_metode%20avansate.pdf	20/nr. autori	6,67
6. A. Jufa, A. Pascu, **L. Floroian**, G. Nunes, M. Badea, *Electromagnetic waves - viewpoints of students with medical training or engineering*, Jurnal Medical Braşovean, nr.1/2016, p. 53-63, Braşov, 2016, ISSN: 1841-0782, eISSN: 2247-4706 http://webbut.unitbv.ro/jmb/JMB%202016%20nr%201/02_01_original_microunde.pdf	20/nr. autori	4,00
7. L. Floroian, D. Floroian, M. Badea, *Using a Multi-Agent System for Logistic*	20/nr.	6,67

of Mobile Hospital, Jurnal Medical Braşovean, nr.1/2016, p. 94-100, Braşov, 2016, ISSN: 1841-0782, e-ISSN: 2247-4706. http://webbut.unitbv.ro/jmb/JMB%202016%20nr%201/02_08_original_spital%20mobil.pdf	autori	
8. D. Calaver, C.A. Cernat, **L. Floroian**, *Clustered Regulary Interspaced Short Palindromic Repeats –CRISPR*, Jurnal Medical Braşovean, nr.2/2016, p. 34-39, Braşov, 2016, ISSN: 1841-0782, eISSN: 2247-4706. http://webbut.unitbv.ro/jmb/JMB%202016%20nr%202/01_06_referat_palindromuri.pdf	20/nr. autori	6,67
9. M. Badea, M. Florescu, V. Veregut, L. Chelmea, O. Corcan, **L. Floroian**, P. Restani, J. L. Marty, M. Moga, *Optimization of electrochemical detection of l-ascorbic acid from plant food supplements using screen printed transducers*, Advances in Analytical Chemistry, vol. 5(4), p. 69-73, 2015, p-ISSN: 2163-2839, e-ISSN: 2163-2847, http://article.sapub.org/10.5923.j.aac.20150504.01.html	20/nr. autori	2,22
10. L. Floroian, M. Badea, I. Samota, *Biomaterials with applications in medicine*, Jurnal Medical Braşovean, nr.1/2015, p. 14-20, Braşov, 2015, ISSN: 1841-0782, e-ISSN: 2247-4706. http://webbut.unitbv.ro/jmb/JMB%202015%20nr%201/01_03_referat_biomateriale.pdf	20/nr. autori	6,67
11. L. Floroian, M. Badea, I. Samota, *Bioglass - the newest type of biomaterial with great potential of osteointegration*, Jurnal Medical Braşovean, nr.1/2015, p. 20-24, Braşov, 2015, ISSN: 1841-0782, e-ISSN: 2247-4706. http://webbut.unitbv.ro/jmb/JMB%202015%20nr%201/01_04_referat_biosticla.pdf	20/nr. autori	6,67
12. R.Szuhanek, **L. Floroian**, *Modern technologies to increase energetic efficiency in hospitals*, Bulletin of Transilvania University of Braşov, Vol. 8(57), no.2, Series B1, p. 179-183, Braşov, 2015, ISSN: 2065-2119 (Print), ISSN: 2065-2127 (CD-ROM). http://webbut.unitbv.ro/BU2015/Series%20I/BULETIN%20I/Szuhanek%20R.pdf	20/nr. autori	10,00
13. M. Badea, **L. Floroian**, D. Floroian, M. Moga, L. Rogozea, *Telemedicine and telediagnosis –general perception of young students from Romania*, Bulletin of the Transilvania University of Braşov, seria VI, Vol. 7 (56) / No. 1, pp. 139-146, ISSN: 2065-2119 (Print), 2014, ISSN: 2065-2127 (CD-ROM). https://pdfs.semanticscholar.org/bc33/8990f56e980eb0a3bc69825533f89563484c.pdf	20/nr. autori	4,00
14. D. Floroian, **L. Floroian**, *Powering light appliances with 4-wire system for remote control or local control*, Bulletin of the Transilvania University of Braşov, Vol. 7 (56) / No. 2, 2014, pp. 75-80, ISSN: 2065-2119 (Print), ISSN: 2065-2127 (CD-ROM) http://webbut.unitbv.ro/BU2014/Series%20I/Contents_I_EEEA.html	20/nr. autori	10,00
15. Badea, M., **Floroian, L.**, Chelmea, L., Faraian, C., Moga, M., Rogozea, L., Marty, J.L., Restani, P., *Experimental studies using the enzymatic biosensors for the electrochemical detection of heavy metals,* Jurnal Medical Brasovean, vol.2, pp. 22-27, 2013, ISSN 1841-0782 http://oaji.net/articles/2014/693-1396860121.pdf	20/nr. autori	2,50
16. Floroian D., Moldoveanu F., **Floroian L.**, *Using dspace systems for torque control of asynchronous motor drive*, Bulletin of the Transilvania University of Braşov, Series I: Engineering Sciences, Vol. 6 (55) No. 2, 2013, pp. 39-44, ISSN: 2065-2119 (Print), ISSN: 2065-2127 (CD-ROM), http://webbut.unitbv.ro/BU2013/Series%20I/BULETIN%20I/Floroian%20D.pdf	20/nr. autori	6,67
17. Floroian L., Floroian D., *Overview on pulsed laser deposition of chalcogenide-based thin films*, Bulletin of the Transilvania University of Braşov, Series I: Engineering Sciences, Vol. 6 (55) No. 2, 2013, pp. 45-50, ISSN: 2065-2119 (Print), ISSN: 2065-2127 (CD-ROM), http://webbut.unitbv.ro/BU2013/Series%20I/BULETIN%20I/Floroian%20L.pdf	20/nr. autori	10,00
18. Floroian, L., B*iocompatibility and physical properties of doped bioactive glass ceramics,* Bulletin of the Transilvania University of Brasov, vol 3 (52), Series VI, Braşov, 2010, pp. 27-32, ISSN 2065-2151, http://but.unitbv.ro/BU2010/Series%20VI/BULETIN%20VI%20PDF/05_Floroia	20/nr. autori	20,00

n.pdf		
19. Floroian, L., Boer, A. *In vitro studies on pmma-bioglass composite films*, Bulletin of the Transilvania University of Brasov, vol 2 (51), Series III, Braşov, 2009, pp. 269-279, ISSN 2065-2151, http://webbut.unitbv.ro/BU2009/BULETIN2009/Series%20III/BULETIN%20III%20PDF/floroian.pdf	20/nr. autori	10,00
20. Floroian, L. *Pulsed laser deposition of bioactive glass for biomedical applications*, Bulletin of the Transilvania University of Brasov, vol 1 (50), Series III, Braşov, 2008, pp. 553-559, ISSN 2065-2151, http://webbut.unitbv.ro/BU2008/BULETIN%20III%20PDF/Floroian-rez.pdf	20/nr. autori	20,00
21. Floroian, L., *Fabrication and characterisation of the bioglass thin films,* Bulletin of the Transilvania University of Brasov, vol 14 (49), Series B1, Braşov, 2007, pp. 131-136, ISSN 1223-964X, http://webbut.unitbv.ro/BU2008/Arhiva/BU2007/BULETIN%20B%20PDF/FIZICA/05_Floroian_L.pdf	20/nr. autori	20,00
22. Cretu, N., Pop, M., Boer, A., Floroian, L., Stanciu, G. *Law of variation of particle size with time in sol-gel powder fabrication process*, Bulletin of the Transilvania University of Brasov, vol 13 (48), Series B1, pp. 135-140, Braşov, 2006, ISSN 1223-964X, http://webbut.unitbv.ro/BU2008/Arhiva/BU2006/BULETIN%20B%20PDF/020-B-CRETU_06.pdf	20/nr. autori	4,000
23. Floroian, L. *Molecular and cellular imaging with quantum dots*, Bulletin of the Transilvania University of Brasov, vol 13 (48), Series B1, pp. 123-128, Braşov, 2006, ISSN 1223-964X, http://webbut.unitbv.ro/BU2008/Arhiva/BU2006/BULETIN%20B%20PDF/018-B-FLOROIAN_06.pdf	20/nr. autori	20,00
24. Floroian, L. *Evaluation of the acceleration of electrons by spatially modulated laser wave*, Bulletin of the Transilvania University of Brasov, vol 12 (47), Series B1, pp. 167-172, Braşov, 2005, ISSN 1223-964X, http://webbut.unitbv.ro/BU2008/Arhiva/BU2005/BULETIN%20B%20PDF/023-B-Floroian_05.pdf	20/nr. autori	20,00
25. Floroian, L., *Raman Spectroscopy in Study of Carbon Nanotubes*, Bulletin of Transilvania University of Braşov, Vol. 11(46) Series B1, pp. 99-104, Braşov, 2004, ISSN 1223-964X.	20/nr. autori	20,00
CONFERINȚE:		
26. Floroian, L., Floroian, D., Ursutiu, D., *Multiagent System for E-Learning Mobile Embedded Devices*, Proc. of the Sixth International Conference on Remote Engineering and Virtual Instrumentation – REV 2009, Bridgeport USA, 22-25 iunie, 2009, pp. 315-320, ISBN: 978-3-89958-480-6, http://rev-conference.org/clearinghouse/REV_past-conferences.php	20/nr. autori	6,67
27. Floroian, L., Cernat, M., Ioannidou, F., *Biocompatibility study of new nanocomposite coatings used in life and health engineering*, Proc. of the 5th International Conference on Interdisciplinarity in Education: New Higher Education Programs, Tallinn, Estonia, 16-19 Iunie, 2010, pp. 303-310, ISSN: 1790-661X. – publicat pe CD	20/nr. autori	6,67
28. Floroian, L., Floroian, D., Ursutiu, D., *Spectroelectrochemical characterization of biocompatible silicate glass - materials used in medicine*, Proc. of the 8th International Conference on Remote Engineering and Virtual Instrumentation – REV 2011, Braşov, Romania, 28 iunie – 1 iulie, 2011, pp. 162-165, ISBN: 978-3-89958-555-1, http://www.rev-conference.org/REV2011/REV2011cfp3.pdf	20/nr. autori	6,67
29. Floroian, D., Ursutiu, D., **Floroian L.,** *ReM-GEPP: A Remote Monitoring Multiagent System for Green Energy Power Plants*, Proc. of the 8th International Conference on Remote Engineering and Virtual Instrumentation – REV 2011, Braşov, Romania, 28 iunie – 1 iulie, 2011, pp. 308-312, ISBN: 978-3-89958-555-1, http://www.rev-conference.org/REV2011/REV2011cfp3.pdf	20/nr. autori	6,67
30. Floroian, L., Floroian, D., Cernat, M., *Biosensors Based on Nanostructured Bioglass Thin Films Synthesized by Pulsed Laser Deposition Used in Electrical Systems*, Proc. of the 6th International Conference on Interdisciplinarity in Education: New Higher Education Programs – ICIE 2011, PART B:	20/nr. autori	6,67

Interdisciplinary Research, Athens, Greece, 14-17 sept, 2011, pp. 83-89, ISBN: 978-960-9556-00-2, ISSN: 1790-661X, http://portal.unitbv.ro/Portals/0/UserFiles/User684/Proc_ICIE11-B_Athens_Sept14-17_2011.pdf		
31. Floroian, D., **Floroian, L.,** Moldoveanu, F., Cernat, M., Papazis, St., *Indoor Photovoltaic System for Powering Green Office Outlets*, Proc. of the 6th International Conference on Interdisciplinarity in Education: New Higher Education Programs – ICIE 2011, PART B: Interdisciplinary Research, Athens, Greece, 14-17 sept, 2011, pp. 121-127, ISBN: 978-960-9556-00-2, ISSN: 1790-661X, http://portal.unitbv.ro/Portals/0/UserFiles/User684/Proc_ICIE11-B_Athens_Sept14-17_2011.pdf	20/nr. autori	4,00
32. A. Jufă, A. Pascu, **L. Floroian**, D. Calaver, G. Nunes, M. Badea, *Microwaves – our ally in cooking?, Journal of EcoAgriTourism*, Vol. 12, no.2, pp.15-20 ref.11, 2016, Proceeding of 6th BIOATLAS Conference, ISSN: 1844-8577, http://rosita.ro/jeat/archive/2_2016.pdf	20/nr. autori	3,33
Total A2.2.		**308,09**

Activitatea de cercetare (A2) **2.3. Proprietate intelectuală, brevete de invenție, certificate ORDA** **2.3.2. Naționale (OSIM)**		
1. L. Floroian, M. Badea, C. Samoilă, D. Floroian, C. Ristoscu, N. Mihailescu, I. Negut, I. N. Mihailescu, *Nanocompoziții de acoperire a unui implant și procedeu de funcționalizare a suprafeței unui implant cu astfel de nanocompoziții de acoperire*, BI RO 131045 A1 (CBI A/00981/08.12.15).	25 / nr. autori	3,13
2. D. T. Cotfas, P. A. Cotfas, D. Floroian, **L. Floroian**, *Metodă şi dispozitiv de testare accelerată a timpului de îmbătrânire a celulelor fotovoltaice – ARCL*, BI RO 130952 A0 (CBI A/00557/31.07.15).	25 / nr. autori	6,25
3. L. Floroian, C. Ristoscu, N. Mihailescu, *Structură de implant, film subțire de acoperire dublu-strat și procedeu de funcționalizare a suprafeței implanturilor osoase și dentare*, BI RO 132310 (CBI A/00333/2017).	25 / nr. autori	8,33
Total A2.3.		**17,71**
Activitatea de cercetare (A2) **2.4. Granturi / proiecte câştigate prin competiție** **2.4.1. Director/responsabil** **2.4.1.2. Naționale**		
1. Contract nr. 146PED/2017, PNCDI III, Programul 2: Cresterea competitivitatii economiei romanesti prin cercetare, dezvoltare si inovare, Subprogramul 2.1. Competitivitate prin cercetare, dezvoltare si inovare - Proiect experimental demonstrativ, *Smart surface functionalization of titanium and stainless steel implants (SSTIM),* 2 ani, finantare UEFISCDI, http://sstim.wew.ro/	10 x ani desfășurare	20
2. Contract nr. MC 13 / 29/10/2020, PN-III-P1-1.1-MC-2020-0051, Programul Dezvoltarea sistemului național de cercetare – dezvoltare, *Nanocompoziții de acoperire a unui implant și procedeu de funcționalizare a suprafeței unui implant cu astfel de nanocompoziții de acoperire*, finanțator UEFISCDI.	10 x ani desfășurare	5
3. Contract nr. 60 PTE/2025, PN-IV-P7-7.1-PTE-2024-0335, Programul 5.7: Parteneriate pentru Inovare, Subprogramul 5.7.1: Parteneriate pentru competitivitate, Proiect de transfer la operatorul economic *NANOmed: O abordare industrială pentru integrarea nanotehnologiei în implanturile ortopedice,* 2 ani, finanțare UEFISCDI	10 x ani desfășurare	20
Activitatea de cercetare (A2) **2.4. Contracte cu agenți economici în valoare de minim 10000 $ S.U.A. echivalent încasați** **2.4.1. Director/responsabil** **2.4.1.2. Naționale**		
1. Contract de cercetare nr. 31/15.05.2020, *Platformă IoT centralizată pentru*	10 x ani	5

un sistem de identificare ce foloseşte carduri RFID, beneficiar S.C. ELCATE S.R.L., valoare 45000 Ron = 10.428 $ (1$=4.3155 lei).	desfăşurare	

Activitatea de cercetare (A2) **2.4. Granturi / proiecte câştigate prin competiție** **2.4.2. Membru în echipă** **2.4.2.1. Internaționale**	**Indicatori (Kpi)**	**Punctaj obținut**
1. Contract nr. 09-EIP-RO BRASOV01/ 2009-2011 *Bioanalytical methods for life sciences*, valoarea: 52990 euro	4 x ani desfăşurare	12
2. FP7 program, Contract 245199/2007-2011, grant European, Plant Food Supplement-Level of Intake, Benefit and Risk Assesement, http://www.eurofir.org/plantlibra/	4 x ani desfăşurare	16

Activitatea de cercetare (A2) **2.4. Granturi / proiecte câştigate prin competiție** **2.4.2. Membru în echipă** **2.4.2.2. Naționale**	**Indicatori (Kpi)**	**Punctaj obținut**
1. Contract nr. 489 PED / 2020, PNCDI III, Programul 2: Cresterea competitivitatii economiei romanesti prin cercetare, dezvoltare si inovare, Subprogramul 2.1. Competitivitate prin cercetare, dezvoltare si inovare - Proiect experimental demonstrativ, *Method of obtaining antimicrobial flexible screen protectors*	2 x ani desfăşurare	2
2. Contract nr. 47 PCCDI/2018 (PN-III-P1-1.2-PCCDI-2017- 0871); Durata proiectului: 2018-2021, *Noi direcții de dezvoltare tehnologică şi de utilizare a materialelor nanocompozite avansate*, membru în colectiv	2 x ani desfăşurare	6
3. Contr. nr. 2402/2009 (DEMPEC 220/03.04.2009); tip program: contracte cu alți parteneri; tip proiect: cercetare-dezvoltare-inovare – *Sistem de supraveghere bazat pe microcontrolere AVR şi senzori nano-structurați*; beneficiar SC ELCATE SRL Brașov	2 x ani desfăşurare	2
4. Contract nr. 72-172/01.10.2008/ 2008-2011, grant MCT, program: Parteneriate în domeniile prioritare, competiția a 2-a, modul I – Proiecte de Cercetare Dezvoltare Complexe – *Tehnici de înaltă precizie şi sensibilitate aplicate în rețele de biomonitorizare a poluării mediului cu factori poluanți din zonele de dezvoltare de sud, sud-est şi centrală ale României*, finanțat de Autoritatea Națională pentru Cercetare Științifică http://172.icstm.ro/index.html?http%3A//172.icstm.ro/etape.html	2 x ani desfăşurare	8
5. Contract nr. 2-CEX06-11-103/2006-2007, grant MCT, program: Cercetare de excelență (CEEX), competiția a 2-a, modul I – Proiecte de Cercetare Dezvoltare Complexe – *Medii Neomogene Elastice, Abordări Ultraacustice şi Simulări Computaționale*, finanțat de Autoritatea Națională pentru Cercetare Științifică; valoarea: 352000 RON, http://menelaus.unitbv.ro/	2 x ani desfăşurare	4
TOTAL A2.4.		**100**
TOTAL A2		**1153,37**

Recunoaşterea şi impactul activității (A3) **3.1. Citări în cărți, reviste și volume ale unor manifestări științifice (min 25)** **3.1.1. Citări în cărți și reviste ISI - 313 citări**	**Indicatori (Kpi)**	**Punctaj obținut**
Articolul: Functional Bioglass-Biopolymer Double Nanostructure for Natural Antimicrobial Drug Extracts Delivery, Negut I.*, **Floroian L.*,** Ristoscu C., Mihailescu CN, Mirza Rosca JC, Tozar T., Badea M., Grumezescu V., Hapenciuc C., Mihailescu I.N., Nanomaterials, Feb 2020, 10 (2), **10 citări** **Citat în:**		
1. *Implant Surfaces Containing Bioglasses and Ciprofloxacin as Platforms for Bone Repair and Improved Resistance to Microbial Colonization,* Negut, I; Ristoscu, C; (...); Chifiriuc, MC, Pharmaceutics, Jun 2022, 14 (6), 6,525	8 / nr. autori ai articolului citat	1,60

impact factor, **Q1**, https://www.mdpi.com/1999-4923/14/6/1175	*2	
2. *Boswellia sacra Extract-Loaded Mesoporous Bioactive Glass Nano Particles: Synthesis and Biological Effects*, Ilyas, K; Singer, L; (...); Boccaccini, AR, Pharmaceutics, Jan 2022, 14 (1), **Q1**, https://www.mdpi.com/1999-4923/14/1/126	8 / nr. autori ai articolului citat *2	1,60
3. *Coatings Functionalization via Laser versus Other Deposition Techniques for Medical Applications: A Comparative Review*, Badiceanu, M; Anghel, S; (...); Mihailescu, IN, Coatings, Jan 2022, 12 (1), **Q2**, https://www.mdpi.com/2079-6412/12/1/71	8 / nr. autori ai articolului citat *2	1,60
4. *Bioactive Glass-An Extensive Study of the Preparation and Coating Methods,* Maximov, M; Maximov, OC; (...); Andronescu, E, Coatings, Nov 2021, 11 (11), **Q2**, https://www.mdpi.com/2079-6412/11/11/1386	8 / nr. autori ai articolului citat *2	1,60
5. *Degradation Behavior of Polymers Used as Coating Materials for Drug Delivery-A Basic Review*, Visan, AI; Popescu-Pelin, G and Socol, G, Polymers, Apr 2021, 13 (8), **Q1**, https://www.mdpi.com/2073-4360/13/8/1272	8 / nr. autori ai articolului citat *2	1,60
6. *Polyurethane Structures Used as a Drug Carrier for Epigallocatechin Gallate*, Marin, A; Marin, MA; (...); Poenaru, M, Mar 2021, Materiale Plastice, 58 (1), pp. 210-217, **Q4**, https://revmaterialeplastice.ro/Articles.asp?ID=5460	8 / nr. autori ai articolului citat	0,80
7. *Biopolymers Hybrid Particles Used in Dentistry*, Chen, IH; Lee, TM and Huang, CL, Gels, Mar 2021, 7 (1), **Q1**, https://www.mdpi.com/2310-2861/7/1/31	8 / nr. autori ai articolului citat *2	1,60
8. *Exploring Macroporosity of Additively Manufactured Titanium Metamaterials for Bone Regeneration with Quality by Design: A Systematic Literature Review*, Martinez-Marquez, D; Delmar, Y; (...); Stewart, RA, Materials, Nov 2020,13 (21), ISSN: 1996-1944, **Q1**, https://www.mdpi.com/1996-1944/13/21/4794	8 / nr. autori ai articolului citat *2	1,60
9. *Investigation of Bone Growth in Additive-Manufactured Pedicle Screw Implant by Using Ti-6Al-4V and Bioactive Glass Powder Composite*, Lam, TN; Trinh, MG; (...); Huang, EW, INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES, Oct 2020, 21 (20), **Q1**, https://www.mdpi.com/1422-0067/21/20/7438	8 / nr. autori ai articolului citat *2	1,60
10. *Biomimetic Coatings Obtained by Combinatorial Laser Technologies*, Axente, E; Sima, LE and Sima, F, May 2020, Coatings, 10 (5), **Q2**, https://www.mdpi.com/2079-6412/10/5/463	8 / nr. autori ai articolului citat *2	1,60
Articolul: Body burden of organohalogenated pollutants and polycyclic aromatic hydrocarbons in Romanian population: Influence of age, gender, body mass index, and habitat, O. P. Luzardo, M. Badea, M. Zumbado, L. Rogozea, L. Floroian, A. Ilea, M. Moga, G. Sechel, L. D. Boada, L. A. Henríquez-Hernández, Mar 15 2019, 656, pp.709-716, **17 citări** **Citat în:**		
11. *Mixture of environmental pollutants in breast milk from a Spanish cohort of nursing mothers*, Rovira, J; Martinez, MA; (...); Schuhmacher, M, Environment International, Aug 2022, 166, **Q1**, https://www.sciencedirect.com/science/article/pii/S0160412022003026?via%3Dihub	8 / nr. autori ai articolului citat *2	1,60
12. *Human biomonitoring of persistent and non-persistent pollutants in a representative sample of the general population from Cape Verde: Results from the PERVEMAC-II study*, Henriquez-Hernandez, LA; Macias-Montes, A; (...); Luzardo, OP, Environmental Pollution, Aug 1 2022, 306, **Q1**, https://www.sciencedirect.com/science/article/pii/S0269749122005450?via%	8 / nr. autori ai articolului citat *2	1,60

3Dihub		
13. *Molecular mechanisms linking environmental toxicants to cancer development: Significance for protective interventions with polyphenols*, Lagoa, R; Marques-da-Silva, D; (...); Bishayee, A, Seminars in Cancer Biology, May 2022, 80, pp. 118-144, **Q1,** https://www.sciencedirect.com/science/article/abs/pii/S1044579X20300353?via%3Dihub	8 / nr. autori ai articolului citat *2	1,60
14. *Differential Bioaccumulation Patterns of alpha, beta-Hexachlorobenzene and Dicofol in Adipose Tissue from the GraMo Cohort (Southern Spain*), Salcedo-Bellido, I; Amaya, E; (...); Arrebola, JP, INTERNATIONAL JOURNAL OF ENVIRONMENTAL RESEARCH AND PUBLIC HEALTH, Mar 2022,19 (6), **Q2** https://www.mdpi.com/1660-4601/19/6/3344	8 / nr. autori ai articolului citat *2	1,60
15. *Human Biomonitoring of Environmental and Occupational Exposures by GC-MS and Gas Sensor Systems: A Systematic Review*, Longo, V; Forleo, A; (...); Capone, S, INTERNATIONAL JOURNAL OF ENVIRONMENTAL RESEARCH AND PUBLIC HEALTH Oct 2021, 18 (19), **Q2** https://www.mdpi.com/1660-4601/18/19/10236	8 / nr. autori ai articolului citat *2	1,60
16. *Reductions in blood concentrations of persistent organic pollutants in the general population of Barcelona from 2006 to 2016,* Porta, M; Pumarega, J; (...); Luzardo, OP, Science of The Total Environment, Jul 10 2021, 777, **Q1** https://www.sciencedirect.com/science/article/pii/S0048969721010809?via%3Dihub	8 / nr. autori ai articolului citat *2	1,60
17. *Environmental Exposition to Aromatic Hydrocarbon Receptor Ligands Modulates the CD4(+) T Lymphocyte Subpopulations Profile,* Ricaud, G; Lim, D and Bernier, J, Exposure and Health, Sep 2021, 13 (3) , pp. 307-322, **Q1** https://link.springer.com/article/10.1007/s12403-021-00385-w	8 / nr. autori ai articolului citat *2	1,60
18. *Diet, exposure to polycyclic aromatic hydrocarbons during pregnancy, and fetal growth: A comparative study of mothers and their fetuses in industrial and urban areas in Southwest Iran*, Doroodzani, AK; Dobaradaran, S; (...); Keshtkar, M, Environmental Pollution, May 1 2021, 276, **Q1**, https://www.sciencedirect.com/science/article/abs/pii/S0269749121002463?via%3Dihub	8 / nr. autori ai articolului citat *2	1,60
19. *Human biomonitoring of persistent organic pollutants in elderly people from the Canary Islands (Spain): A temporal trend analysis from the PREDIMED and PREDIMED-Plus cohorts*, Henriquez-Hernandez, LA; Ortiz-Andrelluchi, A; (...); Serra-Majem, L, Science of The Total Environment, Mar 1 2021, 758, **Q1**, https://www.sciencedirect.com/science/article/abs/pii/S0048969720371680?via%3Dihub	8 / nr. autori ai articolului citat *2	1,60
20. *Exposure to volatile organic compounds may be associated with oxidative DNA damage-mediated childhood asthma*, Kuang, HX; Li, ZL; (...); Fan, RF, Ecotoxicology and Environmental Safety, Mar 1 2021, 210, **Q1**, https://www.sciencedirect.com/science/article/pii/S0147651320317000?via%3Dihub	8 / nr. autori ai articolului citat *2	1,60
21. *Inevitable human exposure to emissions of polybrominated diphenyl ethers: A perspective on potential health risks*, Maddela, NR; Venkateswarlu, K; (...); Megharaj, M, Environmental Pollution, Nov 2020, 266, **Q1**, https://www.sciencedirect.com/science/article/abs/pii/S0269749120328773?via%3Dihub	8 / nr. autori ai articolului citat *2	1,60
22. *Salt-assisted acetonitrile extraction and HPLC-QTOF-MS/MS detection for residues of multiple classes of pesticides in human serum samples*, Yin, XF; Fang, B; (...); Li, YX, JOURNAL OF SEPARATION SCIENCE, Sep	8 / nr. autori ai articolului citat	1,60

2020, 43 (17), pp.3534-3545, **Q2**, https://analyticalsciencejournals.onlinelibrary.wiley.com/doi/10.1002/jssc.201901223	*2	
23. *Application of grape seed extract leads to a higher formation of polycyclic aromatic hydrocarbons in roasted pork sausage at the end of storage,* Nie, W; Cai, KZ; (...); Chen, CG, JOURNAL OF FOOD PROCESSING AND PRESERVATION, Jul 2020, 44 (7), **Q3,** https://ifst.onlinelibrary.wiley.com/doi/10.1111/jfpp.14532	8 / nr. autori ai articolului citat	0,80
24. *Database of persistent organic pollutants in umbilical cord blood: Concentration of organochlorine pesticides, PCBs, BDEs and polycyclic aromatic hydrocarbons*, Cabrera-Rodriguez, R; Luzardo, OP; (...); Henriquez-Hernandez, LA, Data in Brief, Feb 2020, 28, **Q3,** https://www.sciencedirect.com/science/article/pii/S2352340919312739?via%3Dihub	8 / nr. autori ai articolului citat	0,80
25. *Distribution characteristics of Cd in different types of leaves of Festuca arundinacea intercropped with Cicer arietinum L.: A new strategy to remove pollutants by harvesting senescent and dead leaves,* Luo, J; He, WX; (...); Ok, YS, Environmental Research, Dec 2019, 179, **Q1**, https://www.sciencedirect.com/science/article/abs/pii/S0013935119305985?via%3Dihub	8 / nr. autori ai articolului citat *2	1,60
26. *Determinants of persistent organic pollutant (POP) concentrations in human breast milk of a cross-sectional sample of primiparous mothers in Belgium*, Aerts, R; Van Overmeire, I; (...); Covaci, A, Environment International, Oct 2019, 131, **Q1**, https://www.sciencedirect.com/science/article/pii/S0160412019309080?via%3Dihub	8 / nr. autori ai articolului citat *2	1,60
27. *Serum concentration of toxic metals and rare earth elements in children and adolescent*, Gaman, L; Delia, CE; (...); Henriquez-Hernandez, LA, International Journal of Environmental Health Research, Nov 1 2020, 30 (6), pp.696-712, **Q2**, https://www.tandfonline.com/doi/abs/10.1080/09603123.2019.1626353?journalCode=cije20	8 / nr. autori ai articolului citat *2	1,60
Articolul: M. Badea, F. di Modugno, **L. Floroian**, D.M. Tit, P. Restani, S. Bungau, C. Iovan, G. E. Badea, L. Aleya, Electrochemical strategies for gallic acid detection: Potential for application in clinical, food or environmental analyses, Science of The Total Environment, Volume 672, 2019, Pages 129-140, ISSN 0048-9697 **26 citări** **Citat în:**		
28. *Sulphur-doped graphene based sensor for rapid and efficient gallic acid detection from food related samples*, Magerusan, L; Pogacean, F; (...); Pruneanu, S, Journal of the Taiwan Institute of Chemical Engineers, Elsevier, Nov 2022, 140, **Q1**, https://doi.org/10.1016/j.jtice.2022.104539	8 / nr. autori ai articolului citat *2	1,78
29. *Pharmacological Basis of Rumex hastatus D. Don in Gastrointestinal Diseases with Focusing Effects on H+/K+-ATPase, Calcium Channels Inhibition and PDE Mediated Signaling: Toxicological Evaluation on Vital Organs*, Qazi, NG; Khan, AU; (...); Bungau, S, Molecules, Sep 2022, 27 (18), **Q2**, https://www.mdpi.com/1420-3049/27/18/5919	8 / nr. autori ai articolului citat *2	1,78
30. *A boric acid functional multi-emission metal organic frameworks-based fluorescence sensing platform for visualization of gallic acid*, Pan, L; Li, XZ;	8 / nr. autori ai articolului citat	1,78

(...); Jiang, CL, Chemical Engineering Journal, Elsevier, Jul 2022, 450, **Q1**, https://www.sciencedirect.com/science/article/pii/S1876107022003388?via%3Dihub	*2	
31. *A disposable paper-based microfluidic electrochemical cell equipped with graphite-supported gold nanoparticles modified electrode for gallic acid determination*, Mahmoudi, Z; Tashkhourian, J and Hemmateenejad, B, Elsevier, Journal of Electroanalytical Chemistry, 2022, 920, **Q1**, https://www.sciencedirect.com/science/article/pii/S157266572200618X?via%3Dihub	8 / nr. autori ai articolului citat *2	1,78
32. *Poly(diphenylamine-4-sulfonic acid) modified glassy carbon electrode for voltammetric determination of gallic acid in honey and peanut samples*, Bitew, Z; Kassa, A and Misgan, B, ARABIAN JOURNAL OF CHEMISTRY, 2022, 15 (7), **Q2**, https://www.webofscience.com/wos/woscc/full-record/WOS:000793577700009	8 / nr. autori ai articolului citat *2	1,78
33. *In-situ growth of cerium-based metal organic framework on multi-walled carbon nanotubes for electrochemical detection of gallic acid*, Chen, J; Chen, Y; (...); Dong, JB, Colloids and Surfaces A: Physicochemical and Engineering Aspects, Oct 5 2022, 650, **Q2**, https://www.sciencedirect.com/science/article/pii/S0927775722010731?via%3Dihub	8 / nr. autori ai articolului citat *2	1,78
34. *Oxidative stress - Complex pathological issues concerning the hallmark of cardiovascular and metabolic disorders*, Rotariu, D; Babes, EE; (...); Bungau, SG, Biomedicine & Pharmacotherapy, Aug 2022, 152, **Q1**, https://www.sciencedirect.com/science/article/pii/S0753332222006278?via%3Dihub	8 / nr. autori ai articolului citat *2	1,78
35. *Green synthesis of perovskite-type nanocomposite using Crataegus for modification of bisphenol a sensor*, Amiri, M; Javar, HA; (...); Salavati-Niasari, M, Microchemical Journal, Jul 2022, 178, **Q1**, https://www.sciencedirect.com/science/article/pii/S0026265X22002399?via%3Dihub	8 / nr. autori ai articolului citat *2	1,78
36. *Copper phthalocyanine conjugated graphitic carbon nitride nanosheets as an efficient electrocatalyst for simultaneous detection of natural antioxidants*, Sekar, S; Jiang, HJ; (...); Manikandan, R, Electrochimica Acta, May 1 2022, 413, **Q1**, https://www.sciencedirect.com/science/article/pii/S001346862200322X?via%3Dihub	8 / nr. autori ai articolului citat *2	1,78
37. *An insight into the thin-layer diffusion phenomena within a porous electrode: Gallic acid at a single-walled carbon nanotubes-modified electrode*, Krivic, D; Vladislavic, N; (...); Buzuk, M, Elsevier, Journal of Electroanalytical Chemistry, Feb 15 2022, 907, **Q1**, https://www.sciencedirect.com/science/article/pii/S1572665721010353?via%3Dihub	8 / nr. autori ai articolului citat *2	1,78
38. *Electrodetermination of Gallic Acid Using Multi-walled Carbon Nanotube Paste Electrodes and N-Octylpyridinium Hexafluorophosphate*, Gidi, L; Honores, J; (...); Ramirez, G, Electroanalysis, Jul 2022, 34 (7), pp.1163-1173, **Q3**, https://analyticalsciencejournals.onlinelibrary.wiley.com/doi/10.1002/elan.202100476	8 / nr. autori ai articolului citat	0,89
39. *A novel hybrid carbon materials-modified electrochemical sensor used for detection of gallic acid*, Terbouche, A; Boulahia, S; (...); Hauchard, D, Measurement, Jan 22 2022, 187, **Q1**, https://www.sciencedirect.com/science/article/pii/S026322412101263X?via%3Dihub	8 / nr. autori ai articolului citat *2	1,78

40. *Determination of 3,4,5-Trihydroxybenzoic Acid Exploiting a Visible-Light-Driven Photoelectrochemical Platform: Application in Wine and Tea Samples*, Lima, KCMS; Fernandes, RN; (...); Luz, RDS, JOURNAL OF THE BRAZILIAN CHEMICAL SOCIETY, May 2022, 33 (5), pp.413-424, **Q3**, https://inis.iaea.org/search/search.aspx?orig_q=RN:53049676	8 / nr. autori ai articolului citat	0,89
41. *A facile and sensitive ratiometric fluorescent sensor for determination of gallic acid*, Tan, Q; An, XX; (...); Hu, XL, Microchemical Journal, Jan 2022, 172, **Q1**,https://www.sciencedirect.com/science/article/pii/S0026265X21010080?via%3Dihub	8 / nr. autori ai articolului citat *2	1,78
42. *Polyphenols Targeting MAPK Mediated Oxidative Stress and Inflammation in Rheumatoid Arthritis*, Behl, T; Upadhyay, T; (...); Bungau, SG, Molecules, Nov 2021, 26 (21), **Q2**, https://www.mdpi.com/1420-3049/26/21/6570	8 / nr. autori ai articolului citat *2	1,78
43. *Supercritical Carbon Dioxide Extraction of Four Medicinal Mediterranean Plants: Investigation of Chemical Composition and Antioxidant Activity*, Cizmek, L; Kralj, MB; (...); Trebse, P, Molecules, Sep 2021, 26 (18), **Q2**, https://www.mdpi.com/1420-3049/26/18/5697	8 / nr. autori ai articolului citat *2	1,78
44. *Chemo-Preventive Action of Resveratrol: Suppression of p53-A Molecular Targeting Approach*, Akter, R; Rahman, MH; (...); Bungau, S, Molecules, Sep 2021, 26 (17), **Q2**, https://www.mdpi.com/1420-3049/26/17/5325	8 / nr. autori ai articolului citat *2	1,78
45. *Environment and food safety: a novel integrative review*, Jiang, SX; Wang, F; (...); Yao, ZL, Environmental Science and Pollution Research volume, Oct 2021, 28 (39) , pp.54511-54530, **Q2**, https://link.springer.com/article/10.1007/s11356-021-16069-6	8 / nr. autori ai articolului citat *2	1,78
46. *In situ detection of heavy metal ions in sewage with screen-printed electrode-based portable electrochemical sensors*, Bao, QW; Li, G; (...); Lin, L, Analyst, Sep 21 2021, 146 (18), pp. 5610-5618, **Q1**, https://pubs.rsc.org/en/content/articlelanding/2021/AN/D1AN01012C	8 / nr. autori ai articolului citat *2	1,78
47. *A highly sensitive upconversion nanoparticles@zeolitic imidazolate frameworks fluorescent nanoprobe for gallic acid analysis,* Zhang, YT; Ning, LM; (...); Liu, X, Talanta, Oct 1 2021, 233, **Q1**, https://www.sciencedirect.com/science/article/pii/S0039914021005099?via%3Dihub	8 / nr. autori ai articolului citat *2	1,78
48. *Highlighting the Relevance of Gut Microbiota Manipulation in Inflammatory Bowel Disease*, Pavel, FM; Vesa, CM; (...); Bungau, S, Diagnostic, Jun 2021, 11 (6), **Q2**, https://www.mdpi.com/2075-4418/11/6/1090	8 / nr. autori ai articolului citat *2	1,78
49. *Perovskite mesoporous LaFeO3 with peroxidase-like activity for colorimetric detection of gallic acid*, Chen, LY; Yang, J; (...); Li, YC, Sensors and Actuators B: Chemical, Oct 15 2020, 321, **Q1**, https://www.sciencedirect.com/science/article/pii/S0925400520309898?via%3Dihub	8 / nr. autori ai articolului citat *2	1,78
50. *Voltammetric Determination of Gallic Acid with a Glassy Carbon Electrode modified with Reduced Graphene Oxide*, Lisnund, S; Blay, V; (...); Pinyou, P, Int. J. Electrochem. Sci., Aug 2020, 15 (8), pp.7214-7227, **Q4**, https://www.semanticscholar.org/paper/Voltammetric-Determination-of-Gallic-Acid-with-a-Lisnund/2b52738d5583b840469b6635f62e861b3602464f	8 / nr. autori ai articolului citat	0,89
51. *The possible role of the seaweed Sargassum vulgareas a promising functional food ingredient minimizing aspartame-associated toxicity in rats*, Ibrahim, RYM; Hammad, HBI; (...); Saber, INTERNATIONAL JOURNAL	8 / nr. autori ai articolului citat	1,78

OF ENVIRONMENTAL HEALTH RESEARCH, Apr 3 2022, 32 (4), pp.752-771, **Q2**, https://www.tandfonline.com/doi/abs/10.1080/09603123.2020.1797642?journalCode=cije20	*2	
52. *Determination of the Total Polyphenols Content and Antioxidant Activity of Echinacea Purpurea Extracts Using Newly Manufactured Glassy Carbon Electrodes Modified with Carbon Nanotubes*, Banica, F; Bungau, S; (...); Nemeth, S, Processes, Jul 2020, 8 (7), **Q2**, https://www.mdpi.com/2227-9717/8/7/833	8 / nr. autori ai articolului citat *2	1,78
53. *Progress in Electrochemical (Bio)Sensors for Monitoring Wine Production*, Vasilescu, A; Fanjul-Bolado, P; (...); Epure, P, CHEMOSENSORS, Dec 2019, 7 (4), **Q2**, https://www.mdpi.com/2227-9040/7/4/66	8 / nr. autori ai articolului citat *2	1,78
Articolul: *New approaches for electrochemical detection of ascorbic acid,* Badea, M.; Chiperea, S.; Balan, M.; Floroian, L.; Restani, P.; Marty, J.-L.; Iovan, C.; Tit, D. M.; Bungau, S.; Taus, N, Farmacia, vol. 66, pp. 83-87, 2018, **13 citări** **Citat în**:		
54. *Isotherm and Kinetic Models for Bio-sorption of Cadmium Ions from Aqueous Solutions using Dry Peanut Shells and Hazelnut Shells*, Kamar, Firas Hashim; Abbas, Salman H.; Mohammed, Asem Hassan; et al., REVISTA DE CHIMIE, Volume: 69, Issue: 10, Pages: 2603-2607, 2018, ISSN:2537-5733, **Q3,** http://www.revistadechimie.ro/article_eng.asp?ID=6589	8 / nr. autori ai articolului citat	0,80
55. *Determination of Ethanol in Fermented Broth by Headspace Gas Chromatography using Capillary Column*, Mohammed, Asem Hassan; Mohammed, Alaa Kareem; Kamar, Firas Hashim; et al., REVISTA DE CHIMIE, Volume: 69, Issue: 11, Pages: 2969-2972, ISSN:2537-5733, 2018, **Q3,** https://revistadechimie.ro/Articles.asp?ID=6664	8 / nr. autori ai articolului citat	0,80
56. *Electrochemical Sensors With Pharmaceutical Applications Based On Polymer Inclusion Membranes Containing Phosphomolybdic Acid Complexes*, Apostu, Mihai; Hancianu, Monica; Tantaru, Gladiola; et al., FARMACIA, Volume: 66, Issue: 4, Pages: 587-591, ISSN: 0014-8237, 2018, **Q4,** https://farmaciajournal.com/arhiva/201804/issue42018art4.html	8 / nr. autori ai articolului citat	0,80
57. *Partially Defatted Pumpkin (Cucurbita maxima) Seeds - a Rich Source of Nutrients for Use in Food Products*, Apostol, Livia; Berca, Lavinia; Mosoiu, Claudia; et al., REVISTA DE CHIMIE, Volume: 69, Issue: 6, Pages: 1398-1402, ISSN:2537-5733, 2018, **Q3,** http://www.revistadechimie.ro/article_eng.asp?ID=6332	8 / nr. autori ai articolului citat	0,80
58. *Iono-molecular Separation with Composite Membranes. VII. Nitrophenols pertraction on capilary polypropylene S-EPDM composite membranes*, Nafliu, IM; Al Ani, HNA; (...); Nechifor, AC, Materiale plastice, Dec 2018, 55 (4) , pp.511-516, **Q4**, https://www.researchgate.net/publication/329773345_Iono-molecular_Separation_with_Composite_Membranes_VII_Nitrophenols_pertraction_on_capilary_polypropylene_S-EPDM_composite_membranes	8 / nr. autori ai articolului citat	0,80
59. *INFLUENCE OF MAGNESIUM COMPOUNDS ON SODIUM, POTASSIUM AND CALCIUM LEVELS IN DIFFERENT MICE ORGANS,* Moisa, C; Cadar, O; (...); Berce, C, Farmacia, Mar-apr 2019, 67 (2) , pp.274-281, **Q4,** https://farmaciajournal.com/issue-articles/influence-of-magnesium-compounds-on-sodium-potassium-and-calcium-levels-in-different-mice-	8 / nr. autori ai articolului citat	0,80

organs/		
60. *An ascorbic acid-imprinted poly(o-phenylenediamine)/zeolite imidazole frameworks-67/carbon cloth for electrochemical sensing ascorbic acid*, Guo, YF; Wang, L; (...); Song, YH, Journal of Materials Science, Aug 2020, 55 (22), pp. 9425-9435, **Q2**, https://link.springer.com/article/10.1007/s10853-020-04687-3	8 / nr. autori ai articolului citat *2	1,60
61. *Determination of the Total Polyphenols Content and Antioxidant Activity of Echinacea Purpurea Extracts Using Newly Manufactured Glassy Carbon Electrodes Modified with Carbon Nanotubes*, Banica, F; Bungau, S; (...); Nemeth, S, Processes, Jul 2020, 8 (7), **Q2**, https://www.mdpi.com/2227-9717/8/7/833	8 / nr. autori ai articolului citat *2	1,60
62. *Simple and selective optical biosensor using Ultrasonicator synthesis of 5-((anthracen-9-ylmethylene) amino)-2,3-dihydrophthalazine-1,4-dione for direct detection of ascorbic acid in vegetables and fruits*, Kathiravan, S; Sundaram, E; (...); Vasantha, VS, Food Chemistry, Dec 1 2020, 332, **Q1** , https://www.sciencedirect.com/science/article/abs/pii/S0308814620310128?via%3Dihub	8 / nr. autori ai articolului citat *2	1,60
63. *Molybdenum disulfide-graphene van der Waals heterostructures as stable and sensitive electrochemical sensing platforms*, Figerez, SP; Tadi, KK; (...); Narayanan, TN, Dec 2020, TUNGSTEN, 2 (4), pp.411-422, https://link.springer.com/article/10.1007/s42864-020-00061-7	8 / nr. autori ai articolului citat	0,80
64. *Electrochemical Methods for Evaluation of Antioxidant Properties of Propolis Extract Incorporated in Chitosan Nanoparticles*, Fritea, L; Pasca, PM; (...); Cavalu, S, Materiale Plastice, Dec 2020, 57 (4) , pp.96-108, **Q4,** https://revmaterialeplastice.ro/Articles.asp?ID=5410	8 / nr. autori ai articolului citat	0,80
65. *Determination of the Antioxidant Activity of Samples of Tea and Commercial Sources of Vitamin C, Using an Enzymatic Biosensor,* Ribeiro, DB; Silva, GS; (...); Nunes, GS, Antioxidants, Feb 2021, 10(2), **Q1**, https://www.mdpi.com/2076-3921/10/2/324	8 / nr. autori ai articolului citat *2	1,60
66. *Antioxidant Determination with the Use of Carbon-Based Electrodes*, Pisoschi, AM; Pop, A; (...); Serban, AI, Chemosensors, Apr 2021, 9 (4), **Q1**, https://www.mdpi.com/2227-9040/9/4/72	8 / nr. autori ai articolului citat *2	1,60
Articolul: *Sensitive Electrochemical Detection Method of Melatonin in Food Supplements,* A. Miccoli, P. Restani, L. Floroian, N.Taus, M. Badea, G. Cioca, S. Bungau, REV. CHIM.(Bucharest), 69, No. 4, 2018, ISBN: 0034-7752, **7 citări** **Citat în**:		
67. *Melatonin Supplementation Under Hypobaric Hypoxia and Hypothermia Conditions*, David, Sergiu; Nagy, Andras; Moldovan, Remus; et al., Revista De Chimie, Volume: 69, Issue: 8, Pages: 2187-2190, ISSN:2537-5733, 2018, **Q3** , https://scholar.google.ro/scholar?q=Melatonin+Supplementation+Under+Hypobaric+Hypoxia+and+Hypothermia+Conditions&hl=en&as_sdt=0&as_vis=1&oi=scholart	8 / nr. autori ai articolului citat	1,14
68. *Partially Defatted Pumpkin (Cucurbita maxima) Seeds - a Rich Source of Nutrients for Use in Food Products*, Apostol, Livia; Berca, Lavinia; Mosoiu, Claudia; et al., Revista De Chimie, Volume: 69, Issue: 6, Pages: 1398-1402, ISSN:2537-5733, 2018, **Q3,** http://www.revistadechimie.ro/article_eng.asp?ID=6332	8 / nr. autori ai articolului citat	1,14
69. *The Most Significant Influences of Decontamination Mixtures Containing Chlorinating and Oxidizing Agents on Barrier Materials Formed by Isobutylene Isoprene Rubber*, Otrisal, P, Melicharik, Z; Svorc, L; Oancea, R;	8 / nr. autori ai articolului citat	1,14

Barsan, V, MATERIALE PLASTICE Volume: 55 Issue: 3 Pages: 325-331 Published: SEP 2018, WOS:000452711500015, ISSN: 0025-5289, Q4 http://www.revmaterialeplastice.ro/pdf/15%20OTRISAL%203%2018.pdf		
70. *Development of an Analytical Methodology for the Qualitative and Quantitative Characterization of Capsules with Andarine, in Order to Use them to Investigate the Pharmacotoxicological Profile of the Substance*, Miklos, A; Tero-Vescan, A; (...); Muntean, DL, Revista De Chimie, Aug 2019, 70 (8), pp. 2759-2763, **Q3**, https://revistadechimie.ro/Articles.asp?ID=7422	8 / nr. autori ai articolului citat	1,14
71. *Sensitive Voltammetric Detection of Melatonin in Pharmaceutical Products by Highly Conductive Porous Graphene-Gold Composites*, Rahmati, R; Hemmati, A; (...); Simchi, A, ACS Sustainable Chem. Eng., Dec 14 2020, 8 (49), pp. 18224-18236, **Q1,** https://pubs.acs.org/doi/10.1021/acssuschemeng.0c06675	8 / nr. autori ai articolului citat *2	2,28
72. *Graphene-Based Sensors for the Detection of Bioactive Compounds: A Review*, Sainz-Urruela, C; Vera-Lopez, S; (...); Diez-Pascual, AM, Int. J. Mol. Sci., Apr 2021, 22 (7), **Q1**, https://www.mdpi.com/1422-0067/22/7/3316	8 / nr. autori ai articolului citat *2	2,28
73. *Melatonin in different food samples: Recent update on distribution, bioactivities, pretreatment and analysis techniques,* Zhang, XY; Zhang, Y; (...); Feng, XS, Food Research International, Jan 2023, 163, **Q1**, https://www.sciencedirect.com/science/article/abs/pii/S0963996922013308?via%3Dihub	8 / nr. autori ai articolului citat *2	2,28
Articolul: *Body burden of toxic metals and rare earth elements in non-smokers, cigarette smokers and electronic cigarette users*, M. Badea, A González Antuña, M. Zumbado, L. Rogozea, **L. Floroian**, D. Alexandrescu, M. Moga, L. Gaman, M. Radoi; L. D Boada, L. A. Henríquez-Hernández, Environmental Research, vol 166, pg. 269-275, 2018, **60 citări** **Citat în**:		
74. *Determination of major and trace element variability in healthy human urine by ICP-QMS and specific gravity normalisation*, Moore, Rebekah E. T.; Rehkaemper, Mark; Kreissig, Katharina; et al., RSC ADVANCES, Volume: 8 Issue: 66 Pages: 38022-38035, 2018, Q2, https://pubs.rsc.org/en/content/articlelanding/2018/ra/c8ra06794e#!divAbstract	8 / nr. autori ai articolului citat *2	1,45
75. *Metallothionein: An Aggressive Scavenger-The Metabolism of Rhodium(II) Tetraacetate (Rh-2(CH3CO2)(4))*, Wong, DL, Stillman, MJ, ACS OMEGA, Volume: 3 Issue: 11 Pages: 16314-16327 DOI: 10.1021/acsomega.8b02161 Published: NOV 2018, WOS:000451992500192, ISSN: 2470-1343, Q2, https://acs.figshare.com/articles/Metallothionein_An_Aggressive_Scavenger_The_Metabolism_of_Rhodium_II_Tetraacetate_Rh_sub_2_sub_CH_sub_3_sub_CO_sub_2_sub_sub_4_sub_/7406243/1	8 / nr. autori ai articolului citat *2	1,45
76. *Differential exposure to 33 toxic elements through cigarette smoking, based on the type of tobacco and rolling paper used* revista:Environmental Research, Volume 169, February 2019, Pages 368-376, issn:0013-9351, 2019, **Q1**, https://www.sciencedirect.com/science/article/pii/S0013935118306042	8 / nr. autori ai articolului citat *2	1,45
77. *Human exposures to rare earth elements: Present knowledge and research prospects*, revista:Environmental Research Volume 171, April 2019, Pages 493-500, issn:0013-9351, An Aparitie: 2019, nr Autori: 11, **Q1**, https://www.sciencedirect.com/science/article/pii/S0013935119300775	8 / nr. autori ai articolului citat *2	1,45
78. *Suitability of anodic stripping voltammetry for routine analysis of venous blood from raptors*, Gonzalez, F; Camacho, M; (...); Luzardo, OP,	8 / nr. autori ai	1,45

Environmental Toxicology and Chemistry, Apr 2019, 38 (4), pp.737-747, **Q2**, https://setac.onlinelibrary.wiley.com/doi/10.1002/etc.4339	articolului citat *2	
79. *Trends of Lipophilic, Antioxidant and Hematological Parameters Associated with Conventional and Electronic Smoking Habits in Middle-Age Romanians*, Badea, M; Gaman, L; (...); Rogozea, L, J. Clin. Med., May 2019, 8 (5), **Q2**, https://www.mdpi.com/2077-0383/8/5/665	8 / nr. autori ai articolului citat *2	1,45
80. *Serum concentration of toxic metals and rare earth elements in children and adolescent*, Gaman, L; Delia, CE; (...); Henriquez-Hernandez, LA, International Journal of Environmental Health Research, Nov 1 2020, 30 (6), pp.696-712, **Q2**, https://www.tandfonline.com/doi/abs/10.1080/09603123.2019.1626353?journalCode=cije20	8 / nr. autori ai articolului citat *2	1,45
81. *Metal concentrations in electronic cigarette aerosol: Effect of open-system and closed-system devices and power settings,* Zhao, D; Navas-Acien, A; (...); Hilpert, M, Environmental Research, Jul 2019, 174, pp.125-134, **Q1**, https://www.sciencedirect.com/science/article/abs/pii/S0013935119302087?via%3Dihub	8 / nr. autori ai articolului citat *2	1,45
82. *Concentrations of cadmium, lead, and mercury in blood among US cigarettes, cigars, electronic cigarettes, and dual cigarette-e-cigarette users*, Jain, RB, Environmental Pollution, Aug 2019, 251, pp. 970-974, **Q1**, https://www.sciencedirect.com/science/article/abs/pii/S0269749118342040?via%3Dihub	8 / nr. autori ai articolului citat *2	1,45
83. *Do population trends in adolescent electronic cigarette use coincide with changes in prevalence of cigarette smoking?,* Kristjansson, AL; Allegrante, JP; (...); Sigfusdottir, ID, Preventive Medicine Reports, Sep 2019, 15, **Q3**, https://www.sciencedirect.com/science/article/pii/S2211335519300889?via%3Dihub	8 / nr. autori ai articolului citat	0,73
84. *Elemental and mutational analysis of lung tissue in lung adenocarcinoma patients*, Chiba, R; Morikawa, N; (...); Maemondo, M, Translational Lung Cancer Research, Nov 2019, 8, pp. S224, **Q2**, https://tlcr.amegroups.com/article/view/31622/23067	8 / nr. autori ai articolului citat *2	1,45
85. *Prediction Models of Albumin Renal Excretion in Type 2 Diabetes Mellitus Patients*, Popa, AR; Pusta, CTJ; (...); Bustea, C, Revista de Chimie, Nov 2019, 70 (11), pp. 3802-3807, **Q3**, https://revistadechimie.ro/Articles.asp?ID=7650	8 / nr. autori ai articolului citat	0,73
86. *Concentration of heavy metals and rare earth elements in patients with brain tumours: Analysis in tumour tissue, non-tumour tissue, and blood*, Gaman, L; Radoi, MP; (...); Henriquez-Hernandez, LA, International Journal of Environmental Health Research, Oct 3 2021, 31 (7), pp. 741-754, **Q2**, https://www.tandfonline.com/doi/abs/10.1080/09603123.2019.1685079?journalCode=cije20	8 / nr. autori ai articolului citat *2	1,45
87. *Distribution characteristics of Cd in different types of leaves of Festuca arundinacea intercropped with Cicer arietinum L.: A new strategy to remove pollutants by harvesting senescent and dead leaves*, Luo, J; He, WX; (...); Ok, YS, Environmental Research, Dec 2019, 179, **Q1**, https://www.sciencedirect.com/science/article/abs/pii/S0013935119305985?via%3Dihub	8 / nr. autori ai articolului citat *2	1,45
88. *Prenatal exposure of rare earth elements cerium and ytterbium and neonatal thyroid stimulating hormone levels: Findings from a birth cohort study*, Liu, YY; Wu, MY; (...); Wang, YJ, Environment International, Dec 2019, 133, **Q1**, https://www.sciencedirect.com/science/article/pii/S0160412019320720?via%3Dihub	8 / nr. autori ai articolului citat *2	1,45

89. *Association Between e-Cigarette Use and Depression in the Behavioral Risk Factor Surveillance System*, 2016-2017, Obisesan, OH; Mirbolouk, M; (...); Blaha, MJ, JAMA Network Open., Dec 2019, 2 (12), **Q1**, https://jamanetwork.com/journals/jamanetworkopen/fullarticle/2756260	8 / nr. autori ai articolului citat *2	1,45
90. *Biomonitoring of 45 inorganic elements measured in plasma from Spanish subjects: A cross-sectional study in Andalusian population* Henriquez-Hernandez, LA; Romero, D; (...); Lacasana, M, Science of The Total Environment, Mar 1 2020, 706, **Q1**, https://www.sciencedirect.com/science/article/abs/pii/S0048969719357456?via%3Dihub	8 / nr. autori ai articolului citat *2	1,45
91. *Metal/Metalloid Levels in Electronic Cigarette Liquids, Aerosols, and Human Biosamples: A Systematic Review*, Zhao, D; Aravindakshan, A; (...); Aherrera, A, Environmental Health Perspectives, Mar 2020, 128 (3), **Q1**, https://ehp.niehs.nih.gov/doi/10.1289/EHP5686	8 / nr. autori ai articolului citat *2	1,45
92. *pH dependence of the non-cooperative binding of Bi3+ to human apo-metallothionein 1A: kinetics, speciation, and stoichiometry*, Korkola, NC; Scarrow, PM and Stillman, MJ, Metallomix, Mar 1 2020, 12 (3), pp.435-448, **Q2**, https://academic.oup.com/metallomics/article/12/3/435/5956242?login=false	8 / nr. autori ai articolului citat *2	1,45
93. *Cancer and Non-Cancer Risk Concerns from Metals in Electronic Cigarette Liquids and Aerosols*, Fowles, J; Barreau, T and Wu, N, Int. J. Environ. Res. Public Health, Mar 2 2020, 17 (6), **Q2**, https://www.mdpi.com/1660-4601/17/6/2146	8 / nr. autori ai articolului citat *2	1,45
94. *Metal Concentration Assessment in the Urine of Cigarette Smokers Who Switched to Electronic Cigarettes: A Pilot Study,* Prokopowicz, A; Sobczak, A; (...); Kosmider, L, Int. J. Environ. Res. Public Health, Mar 2 2020, 17 (6), **Q2**, https://www.mdpi.com/1660-4601/17/6/1877	8 / nr. autori ai articolului citat *2	1,45
95. *Concentrations of rare earth elements in maternal serum during pregnancy and risk for fetal neural tube defects*, Wei, J; Wang, CR; (...); Ren, AG, Environment International, Apr 2020, 137, **Q1**, https://www.sciencedirect.com/science/article/pii/S0160412019340152?via%3Dihub	8 / nr. autori ai articolului citat *2	1,45
96. *Neurotoxicity of e-cigarettes*, Ruszkiewicz, JA; Zhang, ZY; (...); Aschner, M, Food and Chemical Toxicology, Apr 2020, 138, **Q1**, https://www.sciencedirect.com/science/article/abs/pii/S0278691520301332?via%3Dihub	8 / nr. autori ai articolului citat *2	1,45
97. *The Evolving Landscape of e-Cigarettes A Systematic Review of Recent Evidence*, Bozier, J; Chivers, EK; (...); Ween, MP, Chest, May 2020, 157 (5), pp. 1362-1390, **Q1**, https://journal.chestnet.org/article/S0012-3692(20)30134-3/fulltext	8 / nr. autori ai articolului citat *2	1,45
98. *Rare earth elements exposure and the alteration of the hormones in the hypothalamic-pituitary-thyroid (HPT) axis of the residents in an e-waste site: A cross-sectional study*, Guo, C; Wei, YJ; (...); Wang, JY, Chemosphere, Aug 2020, 252, **Q1**, https://www.sciencedirect.com/science/article/abs/pii/S0045653520306810?via%3Dihub	8 / nr. autori ai articolului citat *2	1,45
99. *e-waste: Rare Earth Elements, New Toxic Substances in Cigarettes and Electronic Cigarettes*, de Granda-Orive, JI and Garcia-Quero, C, Archivos de Bronconeumología, Aug 2020, 56 (8), pp. 477-478, **Q1**, https://www.sciencedirect.com/science/article/pii/S0300289619304107?via%3Dihub	8 / nr. autori ai articolului citat *2	1,45

100. *Cross-sectional and longitudinal associations between urinary zinc and lung function among urban adults in China*, Zhou, M; Xiao, LL; (...); Chen, WH, Thorax, Sep 2020, 75 (9), pp.771-779, **Q1**, https://thorax.bmj.com/content/75/9/771	8 / nr. autori ai articolului citat *2	1,45
101. *Association between Heavy Metals and Rare Earth Elements with Acute Ischemic Stroke: A Case-Control Study Conducted in the Canary Islands (Spain),* Medina-Estevez, F; Zumbado, M; (...); Henriquez-Hernandez, LA, Toxics, 2020, 8 (3), **Q2**, https://www.mdpi.com/2305-6304/8/3/66	8 / nr. autori ai articolului citat *2	1,45
102. *Association of prenatal exposure to rare earth elements with newborn mitochondrial DNA content: Results from a birth cohort study*, Liu, YY; Wu, MY; (...); Zhou, AF, Environment International, Oct 2020, 143, **Q1**, https://www.sciencedirect.com/science/article/pii/S0160412020318183?via%3Dihub	8 / nr. autori ai articolului citat *2	1,45
103. *Association of electronic cigarette use with lead, cadmium, barium, and antimony body burden*: NHANES 2015-2016, Wiener, RC and Bhandari, R, Journal of Trace Elements in Medicine and Biology, dec 2020, 62, **Q3**, https://www.sciencedirect.com/science/article/abs/pii/S0946672X2030167X?via%3Dihub	8 / nr. autori ai articolului citat	0,73
104. *Chemical Elements in Electronic Cigarette Solvents and Aerosols Inhibit Mitochondrial Reductases and Induce Oxidative Stress,* Williams, M; Ventura, J; (...); Talbot, P, Nicotine & Tobacco Research, Dec 2020, 22, pp. S14-S24, **Q1**,https://academic.oup.com/ntr/article/22/Supplement_1/S14/6035095?login=false	8 / nr. autori ai articolului citat *2	1,45
105. *Mercury, cadmium, and lead in cigarettes from international markets: concentrations, distributions and absorption ability of filters,* Dinh, QP; Novirsa, R; (...); Arizono, K, J Toxicol Sci., 2021, 46 (9), pp. 401-411, **Q4**, https://pubmed.ncbi.nlm.nih.gov/34470992/	8 / nr. autori ai articolului citat	0,73
106. *Abnormalities in the copper transporter CTR1 in postmortem hippocampus in schizophrenia: A subregion and laminar analysis,* Schoonover, KE; Farmer, CB; (...); Roberts, RC, Schizophrenia Research, Feb 2021, 228, pp. 60-73, **Q2**, https://www.sciencedirect.com/science/article/abs/pii/S0920996420306563?via%3Dihub	8 / nr. autori ai articolului citat *2	1,45
107. *Association between exposure of light rare earth elements and outcomes of in vitro fertilization-embryo transfer in North China,* Li, MS; Zhuang, LL; (...); Wang, B, Science of The Total Environment, Mar 25 2021, 762, **Q1**, https://www.sciencedirect.com/science/article/abs/pii/S0048969720366365?via%3Dihub	8 / nr. autori ai articolului citat *2	1,45
108. *Sources of 24-h personal exposure to PM2.5-bound metals: results from a panel study in Wuhan, China*, Wang, X; Wang, B; (...); Chen, WH, Environmental Science and Pollution Research, Jun 2021, 28 (22), pp. 27555-27564, **Q2**, https://link.springer.com/article/10.1007/s11356-021-12386-y	8 / nr. autori ai articolului citat *2	1,45
109. *Toxicological assessment of electronic cigarette vaping: an emerging threat to force health, readiness and resilience in the US Army,* Williams, MA; Reddy, G; (...); Bell, AM, Drug and Chemical Toxicology, Sep 3 2022, 45 (5), pp. 2049-2085, **Q3**, https://www.tandfonline.com/doi/abs/10.1080/01480545.2021.1905657?journalCode=idct20	8 / nr. autori ai articolului citat	0,73
110. *Association of Cigarette Type Initially Smoked With Suicidal Behaviors Among Adolescents in Korea From 2015 to 2018,* Kim, SH; Jeong, SH; (...); Jang, SI, JAMA Network Open, Apr 30 2021, 4 (4), **Q1**,	8 / nr. autori ai articolului citat *2	1,45

https://jamanetwork.com/journals/jamanetworkopen/fullarticle/2779373		
111. *Exposure to waterpipe smoke and blood heavy metal concentrations*, Bao, XH; Asgari, A; (...); Miri, M, Environmental Research, Sep 2021, 200, **Q1**, https://www.sciencedirect.com/science/article/abs/pii/S0013935121007544?via%3Dihub	8 / nr. autori ai articolului citat *2	1,45
112. *The potential of using Cedrus atlantica as a biomonitor in the concentrations of Cr and Mn,* Savas, DS; Sevik, H; (...); Cetin, M, Environmental Science and Pollution Research, Oct 2021, 28 (39), pp. 55446-55453, **Q2**, https://link.springer.com/article/10.1007/s11356-021-14826-1	8 / nr. autori ai articolului citat *2	1,45
113. *The combined chemical and mechanical modifications of cigarette: a novel methodology to reduce harmful effects*, Kollati, PR and Mohapatra, SS, Environmental Science and Pollution Research, Dec 2021, 28 (47) , pp. 67343-67361, **Q2**, https://link.springer.com/article/10.1007/s11356-021-14659-y	8 / nr. autori ai articolului citat *2	1,45
114. *Exposure to e-cigarette aerosol over two months induces accumulation of neurotoxic metals and alteration of essential metals in mouse brain*, Re, DB; Hilpert, M; (...); Kleiman, NJ, Environmental Research, Nov 2021, 202, **Q1**, https://www.sciencedirect.com/science/article/abs/pii/S0013935121008513?via%3Dihub	8 / nr. autori ai articolului citat *2	1,45
115. *Metal exposure and biomarker levels among e-cigarette users in Spain,* Olmedo, P; Rodrigo, L; (...); Gil, F, Environmental Research, Nov 2021, 202, **Q1**, https://www.sciencedirect.com/science/article/abs/pii/S0013935121009610?via%3Dihub	8 / nr. autori ai articolului citat *2	1,45
116. *Human serum elements' levels and leukemia: A first pilot study from an adult Greek cohort*, Chrysochou, E; Koukoulakis, K; (...); Bakeas, E, Journal of Trace Elements in Medicine and Biology, Dec 2021, 68, **Q3**, https://www.sciencedirect.com/science/article/abs/pii/S0946672X21001231?via%3Dihub	8 / nr. autori ai articolului citat	0,73
117. *Analytical methods for the identification of micro/nano metals in e-cigarette emission samples: a review,* AL-Qaysi, WW and Abdulla, FH, Chemical Papers, Dec 2021, 75 (12) , pp.6169-6180, **Q3**, https://link.springer.com/article/10.1007/s11696-021-01779-5	8 / nr. autori ai articolului citat	0,73
118. *Early pregnancy loss: Do Per- and polyfluoroalkyl substances matter?* Wang, B; Fu, JJ; (...); Lu, Q, Environment International, Dec 2021, 157, **Q1**, https://www.sciencedirect.com/science/article/pii/S0160412021004621?via%3Dihub	8 / nr. autori ai articolului citat *2	1,45
119. *ICP-MS Determination of 23 Elements of Potential Health Concern in Liquids of e-Cigarettes. Method Development, Validation, and Application to 37 Real Samples*, Mara, A; Langasco, I; (...); Sanna, G, Molecules, Nov 2021, 26 (21), **Q2**, https://www.mdpi.com/1420-3049/26/21/6680	8 / nr. autori ai articolului citat *2	1,45
120. *Systemic biomarkers of exposure associated with ENDS use: a scoping review*, Hiler, M; Weidner, AS; (...); Mishina, EV, TOBACCO CONTROL, Nov 2021, **Q1**, https://tobaccocontrol.bmj.com/content/early/2021/11/02/tobaccocontrol-2021-056896	8 / nr. autori ai articolului citat *2	1,45
121. *Epigenetic modelling of former, current and never smokers*, Langdon, RJ; Yousefi, P; (...); Suderman, MJ, Clinical Epigenetics, Dec 2021, 13 (1), **Q1**, https://clinicalepigeneticsjournal.biomedcentral.com/articles/10.1186/s13148-	8 / nr. autori ai articolului citat *2	1,45

021-01191-6		
122. *Effects of e-liquid flavor, nicotine content, and puff duration on metal emissions from electronic cigarettes*, Zhao, D; Ilievski, V; (...); Hilpert, M, Environmental Research, Mar 2022, 204, **Q1**, https://www.sciencedirect.com/science/article/abs/pii/S0013935121015711?via%3Dihub	8 / nr. autori ai articolului citat *2	1,45
123. *Early Pregnancy Exposure to Rare Earth Elements and Risk of Gestational Diabetes Mellitus: A Nested Case-Control Study*, Xu, XR; Wang, YY; (...); Ma, X, Front. Endocrinol., Dec 20 2021, 12, **Q1**, https://www.frontiersin.org/articles/10.3389/fendo.2021.774142/full	8 / nr. autori ai articolului citat *2	1,45
124. *Association of Rare Earth Elements with Passive Smoking among Housewives in Shanxi Province, China*, Na, JG; Chen, HT; (...); Li, ZW, Int. J. Environ. Res. Public Health, Jan 2022, 19 (1), **Q1**, https://www.mdpi.com/1660-4601/19/1/559	8 / nr. autori ai articolului citat *2	1,45
125. *Examining the chemical compositions of mineral concrete agents in terms of their environmental effects,* Elajail, ISI; Sevik, H; (...); Isik, B, FRESENIUS ENVIRONMENTAL BULLETIN, 2022, 31 (9) , pp. 9784-9790, **Q4**, https://www.webofscience.com/wos/woscc/full-record/WOS:000862761500052	8 / nr. autori ai articolului citat	0,73
126. *Vaping-Associated Lung Injury: A Review*, O'Callaghan, M; Boyle, N; (...); McCarthy, C, Medicina-Lithuania, Mar 2022, 58 (3), **Q3,** https://www.mdpi.com/1648-9144/58/3/412	8 / nr. autori ai articolului citat	0,73
127. *Occupational exposure to metals among battery recyclers in France: Biomonitoring and external dose measurements*, Hanser, O; Melczer, M; (...); Ndaw, S, Waste Management, Aug 1 2022, 150, pp. 122-130, **Q1**, https://www.sciencedirect.com/science/article/abs/pii/S0956053X22003476?via%3Dihub	8 / nr. autori ai articolului citat *2	1,45
128. *Toxicity of rare earth elements: An overview on human health impact*, Brouziotis, AA; Giarra, A; (...); Trifuoggi, M, Front. Environ. Sci., Sep 7 2022, 10, **Q2**, https://www.frontiersin.org/articles/10.3389/fenvs.2022.948041/full	8 / nr. autori ai articolului citat *2	1,45
129. *Association of environmental tobacco smoke (ETS) with lead and cadmium concentrations in biological samples of children and women: systematic review and meta-analysis*, Rahmani, R; Nakhaee, S; (...); Amirabadizadeh, A, Reviews on Environmental Health, Sep 2022, **Q2**, https://www.degruyter.com/document/doi/10.1515/reveh-2022-0099/html	8 / nr. autori ai articolului citat *2	1,45
130. *Pulmonary effects of e-liquid flavors: a systematic review*, Effah, F; Taiwo, B; (...); Marczylo, T, Journal of Toxicology and Environmental Health, Part B, Oct 2022, 25 (7) , pp. 343-371, **Q1**, https://www.tandfonline.com/doi/full/10.1080/10937404.2022.2124563	8 / nr. autori ai articolului citat *2	1,45
131. *Variation of Al concentrations depending on the growing environment in some indoor plants that used in architectural designs,* Cetin, M and Aisha, Environ Sci Pollut Res, 2022, **Q2**, https://link.springer.com/article/10.1007/s11356-022-23434-6	8 / nr. autori ai articolului citat *2	1,45
132. *Toenail zinc as a biomarker: Relationship with sources of environmental exposure and with genetic variability in MCC-Spain study*, Gutierrez-Gonzalez, E; Fernandez-Navarro, P; (...); Perez-Gomez, B, Environment International, Nov 2022, 169, **Q1** https://www.sciencedirect.com/science/article/pii/S0160412022004524?via%3Dihub	8 / nr. autori ai articolului citat *2	1,45
133. *Elemental Analysis of Laryngeal Cancer Patients in Comparison with*	8 / nr. autori ai	1,45

Controls Using Scalp Hair as an Analytical Tool, Bibi, K and Shah, MH, Nov 2022, Biological Trace Element Research, **Q2**, https://link.springer.com/article/10.1007/s12011-022-03468-0	articolului citat *2	
Articolul: Titanium implants' surface functionalization by pulsed laser deposition of TiN, ZrC and ZrN hard films, **Floroian L.**, Craciun D., Socol G., Dorcioman G., Socol M., Badea M., Craciun V., Applied Surface Science, vol 417, pg 175-183, 2017, **17 citări** **Citat în**:		
134. *Corrosion behavior of TiN layer fabricated by laser irradiation of Ti target in N-2/liquid water environment*, Shabanlou, E; Jaleh, B; (...); Fattah-Alhosseini, A, Ceramics International, Sep 15 2022, 48 (18), pp. 26934-26944, **Q1**, https://www.sciencedirect.com/science/article/pii/S0272884222019964?via%3Dihub	8 / nr. autori ai articolului citat *2	2,29
135. *Enhanced corrosion and tribocorrosion properties of duplex TiN-MAO coating prepared on TC17 alloys*, Zhang, YL; Chen, F; (...); Du, CW, Surface and Coatings Technology, Aug 25 2022, 444, **Q1**, https://www.sciencedirect.com/science/article/abs/pii/S0257897222005837?via%3Dihub	8 / nr. autori ai articolului citat *2	2,29
136. *Corrosion and tribocorrosion behaviors of ternary TiZrN coating on 304 stainless steel prepared by HiPIMS*, Zhang, YL; Chen, F; (...); Du, CW, Materials Today Communications, Jun 2022, 31, **Q3**, https://www.sciencedirect.com/science/article/abs/pii/S2352492822001349?via%3Dihub	8 / nr. autori ai articolului citat	1,14
137. *TiN formation on Ti target by laser ablation method under different N-2 gas pressure and laser scanning cycles: A wettability study*, Shabanlou, E; Jaleh, B; (...); Orooji, Y, Surfaces and Interfaces, Dec 2021, 27, **Q1**, https://www.sciencedirect.com/science/article/abs/pii/S2468023021005861?via%3Dihub	8 / nr. autori ai articolului citat *2	2,29
138. *First principle study on the mechanical response of ZrC and ZrN at high-pressure conditions: anisotropy perspective*, Alipour, H; Hamedani, A; (...); Jahanzadeh, A, Molecular simulation, Sep 22 2021, 47 (14) , pp. 1135-1148, **Q3**, https://www.tandfonline.com/doi/abs/10.1080/08927022.2021.1957881?journalCode=gmos20	8 / nr. autori ai articolului citat	1,14
139. *Characterizing the physicochemical and mechanical properties of ZrN thin films deposited on Zr substrates by pulsed laser technique*, Ghemras, I; Abdelli-Messaci, S; (...); Hadj-Larbi, F, Eur. Phys. J. Appl. Phys., Jul 21 2021, 95 (1), **Q4**, https://www.epjap.org/articles/epjap/abs/2021/07/ap210064/ap210064.html	8 / nr. autori ai articolului citat	1,14
140. *Wear mechanisms identification using Kelvin probe force microscopy in TiN, ZrN and TiN/ZrN hard ceramic multilayers coatings*, Gonzalez-Carmona, JM; Trivino, JD; (...); Avila, A, Ceramics International, Oct 15 2020, 46 (15), pp. 24592-24604, **Q1**, https://www.sciencedirect.com/science/article/pii/S0272884220319088?via%3Dihub	8 / nr. autori ai articolului citat *2	2,29
141. *The effect of deposition conditions on the properties of Zr-carbide, Zr-nitride and Zr-carbonitride coatings - a review,* Ul-Hamid, A, Materials advances, Aug 1 2020, 1 (5) , pp. 988-1011, **Q3**, https://pubs.rsc.org/en/content/articlelanding/2020/MA/D0MA00232A	8 / nr. autori ai articolului citat	1,14
142. *Microstructure, properties and applications of Zr-carbide, Zr-nitride and Zr-carbonitride coatings: a review*, Ul-Hamid, A, Materials advances,	8 / nr. autori ai articolului citat	1,14

Aug 1 2020, 1 (5), pp.1012-1037**, Q3**, https://pubs.rsc.org/en/content/articlelanding/2020/MA/D0MA00233J		
143. *Bio-tribocorrosion behavior of a nanocrystalline TiZrN coating on biomedical titanium alloy*, Cui, WF; Cheng, J and Liu, ZY, Surface and Coatings Technology, Jul 15 2019, 369 , pp.79-86, **Q1**, https://www.sciencedirect.com/science/article/abs/pii/S0257897219304013?via%3Dihub	8 / nr. autori ai articolului citat *2	2,29
144. *Feasibility of Biological Applications for Zirconium Nitride Powders Synthesized by Gas-Solid Elemental Combination Method*, Chen, N; Guo, M; (...); Wang, CZ, Journal of Nanoscience and Nanotechnology, Jun 2019, 19 (6), pp.3319-3325, **Q4**, https://www.ingentaconnect.com/content/asp/jnn/2019/00000019/00000006/art00029;jsessionid=uqo1glimtgt8.x-ic-live-01	8 / nr. autori ai articolului citat	1,14
145. *Effect of Different ZrN Addition on Microstructure and Wear Properties of Titanium Based Coatings by Laser Cladding Technique*, Li, XD; Liu, SS; (...); Tang, HB, Coatings, Apr 2019, 9 (4), **Q2**, https://www.mdpi.com/2079-6412/9/4/261	8 / nr. autori ai articolului citat *2	2,29
146. *Corrosion inhibition behaviors of ZrNx thin films with varied N vacancy concentration*, Pei, CR; Deng, LJ; (...); Sun, DE, Vacuum, Apr 2019, 162, pp. 28-38, **Q2**, https://www.sciencedirect.com/science/article/abs/pii/S0042207X18319171?via%3Dihub	8 / nr. autori ai articolului citat *2	2,29
147. *Titanium nitride thin film for temperature sensing and its conductive mechanism in the cryogenic region*, Lin, Zude; Zhan, Guanghui; Wang, Xiaolin; et al., Semiconductor science and technology, Volume: 33, Issue: 11, Article Number: 115002, ISSN: 0268-1242, 2018, **Q3** https://iopscience.iop.org/article/10.1088/1361-6641/aadf76/meta	8 / nr. autori ai articolului citat	1,14
148. *Influence of microstructures and wear behaviors of the microalloyed coatings on TC11 alloy surface using laser cladding technique*, Yang, Chengyuan; Cheng, Xu; Tang, Haibo; et al, Surface & coatings technology, Volume: 337, Pages: 97-103, ISSN: 0257-8972, 2018, **Q1** https://www.sciencedirect.com/science/article/abs/pii/S0257897217312896	8 / nr. autori ai articolului citat *2	2,29
149. *Stoichiometry and tribological behavior of thick Ta(N) coatings produced by direct current magnetron sputtering (DCMS),* Guo, Xiaotong; Niu, Yunsong; Chen, Minghui; et al., Applied Surface Science, Volume: 427, Pages: 1071-1079, ISSN:0169-4332, 2018, **Q1** https://www.sciencedirect.com/science/article/pii/S0169433217327447	8 / nr. autori ai articolului citat *2	2,29
150. *Corrosion inhibition behaviors of ZrNx thin films with varied N vacancy concentration*, Vacuum, Volume 162, April 2019, Pages 28-38 issn:0042-207X AnAparitie:2019 nrAutori:7 zonaCitare: **Q2** https://www.sciencedirect.com/science/article/abs/pii/S0042207X18319171	8 / nr. autori ai articolului citat *2	2,29
Articolul: D. T. Cotfas, P. A. Cotfas, L. Floroian, D. I. Floroian, Study of combined photovoltaic cell/thermoelectric element/solar collector in medium concentrated light, IEEExplore, 2017 pp. 747-752, doi: 10.1109/OPTIM.2017.7975058, **4 citări** **Citat în**:		
151. *Critical factors and parameters for hybrid Photovoltaic-Thermoelectric systems; review*, Cotfas, DT; Cotfas, PA; (...); Louzazni, M, Applied Thermal Engineering, Oct 2022, 215, **Q1,** https://www.sciencedirect.com/science/article/abs/pii/S1359431122009139?via%3Dihub	8 / nr. autori ai articolului citat *2	4,00

152. *Review on Performance Enhancement of Photovoltaic/Thermal-Thermoelectric Generator Systems with Nanofluid Cooling*, Garud, KS; Hwang, SG; (...); Lee, MY, Symmetry Basel, Jan 2022, 14 (1), **Q2,** https://www.mdpi.com/2073-8994/14/1/36	8 / nr. autori ai articolului citat *2	4,00
153. *Solar Hybrid System Component Study in Low Concentrated Sunlight*, Cotfas, PA and Cotfas, DT, International Journal of Photoenergy, Apr 29 2021, **Q3**, https://www.hindawi.com/journals/ijp/2021/6677473/	8 / nr. autori ai articolului citat	2,00
154. *A review on various configurations of hybrid concentrator photovoltaic and thermoelectric generator system*, Indira, SS; Vaithilingam, CA; (...); Paiman, S, Solar Energy, May 1 2020, 201 , pp.122-148, **Q2**, https://www.sciencedirect.com/science/article/abs/pii/S0038092X20302176?via%3Dihub	8 / nr. autori ai articolului citat *2	4,00
Articolul: *Fractional Adaptive Control for a Fractional - Order Insuline - Glucose Dynamic Model,* 5.S. Coman; C. Boldisor; **L. Floroian**, IEEExplore, 2017, DOI: 10.1109/OPTIM.2017.7975082, **2 citări** **Citat în**:		
155. *A fractional dynamical model for honeybee colony population*, Yildiz, Tugba Akman, International Journal Of Biomathematics, Volume: 11, Issue: 5, Article Number: 1850063, ISSN: 1793-5245, 2018, **Q3**, https://www.worldscientific.com/doi/abs/10.1142/S1793524518500638	8 / nr. autori ai articolului citat	2,67
156. *An ADRC-based backstepping control design for a class of fractional-order systems*, Doostdar, F and Mojallali, H, ISA Transactions, Feb 2022, 121, pp.140-146, **Q1**, https://www.sciencedirect.com/science/article/abs/pii/S0019057821001749?via%3Dihub	8 / nr. autori ai articolului citat *2	5,33
Articolul: *Antimicrobial thin films based on ayurvedic plants extracts embedded in a bioactive glass matrix,* **L. Floroian**, C. Ristoscu, G. Candiani, N. Pastori, M. Moscatelli, N. Mihailescu, I. Negut, M. Badea, M. Gilca, R. Chiesa and I.N. Mihailescu, Applied Surface Science, vol 417, pg 224-234, 2017, **8 citări** **Citat în**:		
157. *Quantitative Aspect of Leucophyllum frutescens Fraction before and after Encapsulation in Polymeric Nanoparticles*, Janeth Martinez-Rivas, Claudia; Alvarez-Roman, Rocio; Rivas-Morales, Catalina; et al., Journal Of Analytical Methods In Chemistry, Article Number: 9086467, 2017, ISSN:2090-8865, **Q3**, https://www.hindawi.com/journals/jamc/2017/9086467/	8 / nr. autori ai articolului citat	0,73
158. *Polyphenols at interfaces*, Reitzer, Francois; Allais, Manon; Ball, Vincent; et al., Advances in colloid and interface science, Volume: 257, Pages: 31-41, ISSN:0001-8686, 2018, **Q1** https://www.sciencedirect.com/science/article/pii/S0001868618300460	8 / nr. autori ai articolului citat *2	1.45
159. *Bioactive glasses meet phytotherapeutics: The potential of natural herbal medicines to extend the functionality of bioactive glasses*, Schuhladen, K; Roether, JA and Boccaccini, AR, Biomaterials, Oct 2019, 217, **Q1**, https://www.sciencedirect.com/science/article/abs/pii/S0142961219303874?via%3Dihub	8 / nr. autori ai articolului citat *2	1.45
160. *Influence of extraction methods and solvents on the antimicrobial activity of pickled Ferula orientalis*, Topdas, EF; Sengul, M and Cetin, B, JOURNAL OF FOOD SAFETY AND FOOD QUALITY-ARCHIV FUR LEBENSMITTELHYGIENE, 2021, 72 (3), pp. 100-106, **Q4**,	8 / nr. autori ai articolului citat	0,73
161. *Extraction and determination of the Pimelea toxin simplexin in complex*	8 / nr. autori ai	1.45

plant-polymer biocomposites using ultrahigh-performance liquid chromatography coupled with quadrupole Orbitrap mass spectrometry, Yuan, Y; Hungerford, NL; (...); Laycock, B, Analytical and Bioanalytical Chemistry, Aug 2021, 413 (20), pp. 5121-5133, **Q2**, https://link.springer.com/article/10.1007/s00216-021-03475-5	articolului citat *2	
162. *Solid and liquid green Ag nanoparticles based on banana peel extract as an eco-friendly remedy for ringworm in pets*, Emam, M; Soliman, MMH; (...); Hasanin, M, SURFACE AND INTERFACE ANALYSIS, Jun 2022, 54 (6) , pp.607-618, **Q4**, https://analyticalsciencejournals.onlinelibrary.wiley.com/doi/10.1002/sia.7073	8 / nr. autori ai articolului citat	0,73
163. *Implant Surfaces Containing Bioglasses and Ciprofloxacin as Platforms for Bone Repair and Improved Resistance to Microbial Colonization*, Negut, I; Ristoscu, C; (...); Chifiriuc, MC, Pharmaceutics, Jun 2022, 14 (6), **Q1**, https://www.mdpi.com/1999-4923/14/6/1175	8 / nr. autori ai articolului citat *2	1.45
164. *Microbiologically influenced corrosion of wastewater pipeline and its mitigation by phytochemicals: Mechanistic evaluation based on spectroscopic, microscopic and theoretical analyses*, Jana, A; Sarkar, TK; (...); Ghosh, D, Journal of Molecular Liquids, Oct 15 2022, 364, **Q1**, https://www.sciencedirect.com/science/article/abs/pii/S0167732222014982?via%3Dihub	8 / nr. autori ai articolului citat *2	1.45
Articolul: *Evaluation of Ag containing hydroxyapatite coatings to the Candida albicans infection,* Ciuca S., Badea M., Pozna E., Pana I., Kiss A., **Floroian L.**, Semenescu A., Cotrut C.M., Moga M., Vladescu A., Journal of Microbiological Methods, 2016, vol 125, pp. 12-18, **14 citări** **Citat în**:		
165. *A review on the antimicrobial and antibiofilm activity of doped hydroxyapatite and its composites for biomedical applications*, Ghosh, R; Das, S; (...); Beyene, Z, Materials Today Communications, Jun 2022, 31, **Q3**, https://www.sciencedirect.com/science/article/abs/pii/S2352492822001842?via%3Dihub	8 / nr. autori ai articolului citat	0,80
166. *Effect of Doping Element and Electrolyte's pH on the Properties of Hydroxyapatite Coatings Obtained by Pulsed Galvanostatic Technique*, Ungureanu, E; Vranceanu, DM; (...); Cotrut, CM, Coatings, Dec 2021, 11 (12), **Q2**, https://www.mdpi.com/2079-6412/11/12/1522	8 / nr. autori ai articolului citat *2	1,60
167. *Enhanced corrosion protection of NiTi orthopedic implants by highly crystalline hydroxyapatite deposited by spin coating: The importance of pre-treatment*, Shokri, N; Safavi, MS; (...); Khalil-Allafi, J, Materials Chemistry and Physics, Feb 1 2021, 259, **Q2**, https://www.sciencedirect.com/science/article/abs/pii/S0254058420314012?via%3Dihub	8 / nr. autori ai articolului citat *2	1,60
168. *RF-magnetron sputter deposited hydroxyapatite-based composite & multilayer coatings: A systematic review from mechanical, corrosion, and biological points of view*, Safavi, MS; Surmeneva, MA; (...); Khalil-Allafi, J, Ceramics International, Feb 1 2021, 47 (3), pp.3031-3053, **Q1,** https://www.sciencedirect.com/science/article/pii/S027288422032993X?via%3Dihub	8 / nr. autori ai articolului citat *2	1,60
169. *In vitro antibacterial properties of MoO3/SiO2/Ag2O nanocomposite coating prepared by double cathode glow discharge technique*, Zhao, YJ; Xu, J; (...); Jiang, SY, Surface and Coatings Technology, Sep 15 2020, 397, **Q1,** https://www.sciencedirect.com/science/article/abs/pii/S0257897220306617?via%3Dihub	8 / nr. autori ai articolului citat *2	1,60

170. *Biofunctionalization of Ti6Al4V surface with Ag modified HAp coatings via electrochemical deposition*, Ungureanu, E; Ionescu, IC; (...); Cotrut, CM, U.P.B. Sci. Bull., Series B, 2020, 82 (4), pp.307-324, **Q4**	8 / nr. autori ai articolului citat	0,80
171. *In vitro biocompatibility investigation of silver and zinc modified hydroxyapatite deposited on implant materials*, Tran, TT; Nichita, NB; (...); Tarcolea, U.P.B. Sci. Bull., Series B, M, 2020, 82 (3) , pp.231-248, **Q4**	8 / nr. autori ai articolului citat	0,80
172. *Coating of hydroxyapatite and substituted apatite on dental and orthopedic implants*, Iqbal, F and Fatima, H, 2020, HANDBOOK OF IONIC SUBSTITUTED HYDROXYAPATITES, pp. 327-353, https://www.sciencedirect.com/science/article/pii/B9780081028346000148?via%3Dihub	8 / nr. autori ai articolului citat	0,80
173. *In vitro evaluation of Ag doped hydroxyapatite coatings in acellular media*, Vranceanu, DM; Parau, AC; (...); Vladescu, A, Ceramics International, Jun 2019, 45 (8) , pp.11050-11061, **Q1,** https://www.sciencedirect.com/science/article/pii/S0272884219304924?via%3Dihub	8 / nr. autori ai articolului citat *2	1,60
174. *Ion-substituted calcium phosphate coatings by physical vapor deposition magnetron sputtering for biomedical applications: A review*, Qadir, M; Li, YC and Wen, C, Acta Biomaterialia, Apr 15 2019, 89, pp.14-32, **Q1,** https://www.sciencedirect.com/science/article/abs/pii/S1742706119301722?via%3Dihub	8 / nr. autori ai articolului citat *2	1,60
175. *A Review on Ionic Substitutions in Hydroxyapatite Thin Films: Towards Complete Biomimetism*, Graziani, Gabriela; Boi, Marco; Bianchi, Michele, COATINGS, Volume: 8, Issue: 8, Article Number: 269, ISSN: 2079-6412, 2018, **Q2**, https://www.mdpi.com/2079-6412/8/8/269	8 / nr. autori ai articolului citat *2	1,60
176. *Synthetic Hydroxyapatite as a Biomimetic Oral Care Agent*, Enax, Joachim; Epple, Matthias, Oral Health & Preventive Dentistry, Volume: 16, Issue: 1, Pages: 7-19, Article Number: PMID 29335686, ISSN:1602-1622, 2018, **Q4**, https://www.ncbi.nlm.nih.gov/pubmed/29335686	8 / nr. autori ai articolului citat	0,80
177. P*ulsed electrochemical deposition of ag doped hydroxyapatite bioactive coatings on TI6A14V for medical purposes*, Vranceanu, Diana M.; Thanh Tran; Ungureanu, Elena; et al., University Politehnica of Bucharest Scientific Bulletin Series B-Chemistry And Materials Science, Volume: 80, Issue: 1, Pages: 173-184, ISSN: 1454-2331, 2018, **Q4**, https://www.scientificbulletin.upb.ro/rev_docs_arhiva/fullbb8_160523.pdf	8 / nr. autori ai articolului citat	0,80
178. *Radio Frequency Magnetron Sputter Deposition as a Tool for Surface Modification of Medical Implants*, Surmenev, Roman; Vladescu, Alina; Surmeneva, Maria; et al., Edited by: Nikitenkov, NN, Modern technologies for creating the thin-film systems and coatings, pp. 213-248, ISBN: 978-953-51-3004-8, 2017, https://www.intechopen.com/books/modern-technologies-for-creating-the-thin-film-systems-and-coatings/radio-frequency-magnetron-sputter-deposition-as-a-tool-for-surface-modification-of-medical-implants	8 / nr. autori ai articolului citat	0,80
Articolul: *Functionalized Antimicrobial Composite Thin Films Printing for Stainless Steel Implant Coatings,* **Floroian L.,** Ristoscu C., Mihailescu N., Negut I., Badea M., Ursutiu D., Chifiriuc M.C., Urzica I., Dyia H.M., Bleotu C., Mihailescu I.N., Molecules, 2016, 21, pp. 740-758, **8 citări** **Citat în**:		
179. *Implant Surfaces Containing Bioglasses and Ciprofloxacin as Platforms for Bone Repair and Improved Resistance to Microbial Colonization,* Negut, I; Ristoscu, C; (...); Chifiriuc, MC, Pharmaceutics, Jun 2022, 14 (6), **Q1**, https://www.mdpi.com/1999-4923/14/6/1175	8 / nr. autori ai articolului citat *2	1,45

180. *Bioactive Glass-An Extensive Study of the Preparation and Coating Methods*, Maximov, M; Maximov, OC; (...); Andronescu, E, Coatings, Nov 2021, 11 (11), **Q2**, https://www.mdpi.com/2079-6412/11/11/1386	8 / nr. autori ai articolului citat *2	1,45
181. *FTIR Characterization of the Development of Antimicrobial Catheter Coatings Loaded with Fluoroquinolones*, Kowalczuk, D, Coatings, Sep 2020, 10 (9), **Q2**, https://www.mdpi.com/2079-6412/10/9/818	8 / nr. autori ai articolului citat *2	1,45
182. *Nanoparticulate drug-delivery systems for fighting microbial biofilms: from bench to bedside*, Pircalabioru, GG and Chifiriuc, MC, Future Microbiology, May 2020, 15 (8), pp.679-698, **Q3**, https://www.futuremedicine.com/doi/10.2217/fmb-2019-0251	8 / nr. autori ai articolului citat	0,73
183. *Biomimetic Collagen/Zn2+-Substituted Calcium Phosphate Composite Coatings on Titanium Substrates as Prospective Bioactive Layer for Implants: A Comparative Study Spin Coating vs. MAPLE,* Neacsu, IA; Arsenie, LV; (...); Andronescu, E, Nanomaterials, May 2019, 9 (5), **Q1**, https://www.mdpi.com/2079-4991/9/5/692	8 / nr. autori ai articolului citat *2	1,45
184. *Metamaterials for Antimicrobial Biofilm Applications: Photonic Crystals of Microspheres and Optical Fibers for Decontamination of Liquids and Gases*, Enaki, Nicolae; Profir, Aurelia; Bazgan, Sergiu; et al., Handbook of antimicrobial coatings, Pages: 257-282, ISBN:978-0-12-811983-9, 2018, https://scinapse.io/papers/2758377062	8 / nr. autori ai articolului citat	0,73
185. *Biomaterials and Bioprinting*, Chua, CK, Yeong, WY, An, J, MOLECULES Volume: 21 Issue: 9 Article Number: 1231 DOI: 10.3390/molecules21091231, SEP 2016, WOS:000385479800128, PubMed ID: 27649121, ISSN: 1420-3049, **Q2**, https://www.mdpi.com/journal/molecules/special_issues/biomaterials_bioprinting?listby=date&view=abstract	8 / nr. autori ai articolului citat *2	1,45
186. *Bioactive glass thin films synthesized by advanced pulsed laser techniques*, Mihailescu, N, Stan, GE, Ristoscu, C, Sopronyi, M, Mihailescu, IN, Edited by: Chamati H; Genova J; Gesheva K; Ivanova T; Paskaleva A; Szekeres A, Source: INERA CONFERENCE: VAPOR PHASE TECHNOLOGIES FOR METAL OXIDE AND CARBON NANOSTRUCTURES Book Series: Journal of Physics Conference Series Volume: 764 Article Number: 012020 DOI: 10.1088/1742-6596/764/1/012020, ISSN: 1420-3049, 2016, https://iopscience.iop.org/article/10.1088/1742-6596/764/1/012020	8 / nr. autori ai articolului citat	0,73
Articolul: *Ochratoxin A Detection on Antibody-Immobilized on BSA-Functionalized Gold Electrodes*, Badea M., Floroian L., Restani P., Cobzac S.C., Moga M., PLoS ONE 2016, **20 citări** **Citat în**:		
187. *Label-Free Detection and Characterization of Heparin-Induced Thrombocytopenia (HIT)-like Antibodies*, Khan, NZ; Chen, LY; (...); Nguyen, TH, ACS Omega, Oct 12 2021, 6 (40) , pp.25926-25939, **Q2**, https://pubs.acs.org/doi/10.1021/acsomega.1c02496	8 / nr. autori ai articolului citat *2	3,20
188. *Highly sensitive electrochemical detection of E. coli O157:H7 using conductive carbon dot/ZnO nanorod/PANI composite electrode*, Pangajam, A; Theyagarajan, K and Dinakaran, K, Aug 2020, Sensing and Bio-Sensing Research, 29, https://www.sciencedirect.com/science/article/pii/S2214180419301795?via%3Dihub	8 / nr. autori ai articolului citat	1,60
189. *Bioelectronic tongue: Current status and perspectives*, Wasilewski, T; Kamysz, W and Gebicki, J, Biosensors and Bioelectronics, Feb 15 2020, 150,	8 / nr. autori ai articolului citat	3,20

Q1, https://www.sciencedirect.com/science/article/abs/pii/S0956566319310024?via%3Dihub	*2	
190. *Development of a multiplex immunochromatographic strip test and ultrasensitive electrochemical immunosensor for hepatitis B virus screening*, Akkapinyo, C; Khownarumit, P; (...); Poo-arporn, RP, Analytica Chimica Acta, Jan 25 2020, 1095, pp. 162-171, **Q1**, https://www.sciencedirect.com/science/article/abs/pii/S0003267019312267?via%3Dihub	8 / nr. autori ai articolului citat *2	3,20
191. *Impedimetric label - free immunosensor for rapid detection of Ochratoxin A in beer and wine*, Malvano, F; Albanese, D and Pilloton, R, 3rd IEEE International Workshop on Metrology for Agriculture and Forestry (MetroAgriFor), 2020, PROCEEDINGS OF 2020 IEEE INTERNATIONAL WORKSHOP ON METROLOGY FOR AGRICULTURE AND FORESTRY (METROAGRIFOR), pp. 323-327, https://ieeexplore.ieee.org/document/9277594	8 / nr. autori ai articolului citat	1,60
192. *Voltammetric behavior of mycotoxin zearalenone at a single walled carbon nanotube screen-printed electrode*, Radi, AE; Eissa, A and Wahdan, T, Analitical methods, Sep 21 2019, 11 (35), pp.4494-4500, **Q1**, https://pubs.rsc.org/en/content/articlelanding/2019/AY/C9AY01400D	8 / nr. autori ai articolului citat *2	3,20
193. *Measuring the impact on impedance spectroscopy of pseudo-reference electrode accumulations*, Sawhney, MA; Azzopardi, EA; (...); Gazze, SA, Electrochemistry Communications, Aug 2019, 105, **Q2**, https://www.sciencedirect.com/science/article/pii/S1388248119301717?via%3Dihub	8 / nr. autori ai articolului citat *2	3,20
194. *An Exonuclease I-Assisted Silver-Metallized Electrochemical Aptasensor for Ochratoxin A Detection*, Suea-Ngam, A; Howes, PD; (...); deMello, AJ, Acs Sensors, Jun 2019, 4 (6) , pp.1560-1568, **Q1**, https://pubs.acs.org/doi/10.1021/acssensors.9b00237	8 / nr. autori ai articolului citat *2	3,20
195. *Electrochemical Immuno- and Aptasensors for Mycotoxin Determination*, Evtugyn, G and Hianik, T, Chemosensors, Mar 4 2019, 7 (1), **Q1**, https://www.mdpi.com/2227-9040/7/1/10	8 / nr. autori ai articolului citat *2	3,20
196. *Thin Films Sensor Devices for Mycotoxins Detection in Foods: Applications and Challenges*, Santos, AO; Vaz, A; (...); Peres, AM, Chemosensors, Jan 4 2019, 7 (1), **Q1**, https://www.mdpi.com/2227-9040/7/1/3	8 / nr. autori ai articolului citat *2	3,20
197. *Applications of Immuno-electrochemical Detection Strategies for Food Analysis*, Nara, S and Malhotra, BD, 2019, in RAPID ANTIBODY-BASED TECHNOLOGIES IN FOOD ANALYSIS, 15, pp. 154-174, https://books.rsc.org/books/edited-volume/790/chapter-abstract/529951/Applications-of-Immuno-electrochemical-Detection?redirectedFrom=fulltext	8 / nr. autori ai articolului citat	1,60
198. *An electrochemical aptasensor based on graphene doped chitosan nanocomposites for determination of Ochratoxin A*, Kaur, Navpreet; Bharti, Anu; Batra, Supriya; et al., Microchemical Journal, Volume: 144, Pages: 102-109, ISSN: 0026-265X, 2019, **Q1**, https://www.sciencedirect.com/science/article/pii/S0026265X18305587	8 / nr. autori ai articolului citat *2	3,20
199. *Antibody immobilization strategy for the development of a capacitive immunosensor detecting zearalenone*, Foubert, Astrid; Beloglazova, Natalia V.; Hedstrom, Martin; et al., TALANTA, Volume: 191, Pages: 202-208, ISSN: 0039-9140, 2019, **Q1**, https://www.sciencedirect.com/science/article/pii/S0039914018308749	8 / nr. autori ai articolului citat *2	3,20

200. *Progress on nanostructured electrochemical sensors and their recognition elements for detection of mycotoxins: A review*, Goud, K. Yugender; Kalisa, Suresh Kumar; Kumar, Vanish; et al., Biosensors & Bioelectronics, Volume: 121, ISSN: Pages: 205-222, 2018, **Q1**, https://www.sciencedirect.com/science/article/pii/S0956566318306262	8 / nr. autori ai articolului citat *2	3,20
201. *An Ultra-Rapid Biosensory Point-of-Care (POC) Assay for Prostate-Specific Antigen (PSA) Detection in Human Serum*, Mavrikou, Sophie; Moschopoulou, Georgia; Zafeirakis, Athanasios; et al., SENSORS, ISSN: 1424-8220, Volume: 18, Issue: 11, Article Number: 3834, 2018, **Q2**, https://www.ncbi.nlm.nih.gov/pubmed/30413115	8 / nr. autori ai articolului citat *2	3,20
202. *Detecting Biothreat Agents: From Current Diagnostics to Developing Sensor Technologies*, Walper, Scott A.; Aragones, Guillermo Lasarte; Sapsford, Kim E.; et al., ACS SENSORS, ISSN: 2379-3694, Volume: 3, Issue: 10, Pages: 1894-2024, 2018, **Q1**, https://pubs.acs.org/doi/10.1021/acssensors.8b00420	8 / nr. autori ai articolului citat*2	3,20
203. *Partially Defatted Pumpkin (Cucurbita maxima) Seeds - a Rich Source of Nutrients for Use in Food Products*, Apostol, Livia; Berca, Lavinia; Mosoiu, Claudia; et al., REVISTA DE CHIMIE Volume: 69, Issue: 6, Pages: 1398-1402, ISSN:2537-5733, 2018, **Q3**, http://www.revistadechimie.ro/article_eng.asp?ID=6332	8 / nr. autori ai articolului citat	1,60
204. *Label-Free QCM Immunosensor for the Detection of Ochratoxin A*, Pirincci, Serife Seyda; Ertekin, Ozlem; Laguna, Duygu Ercan; et al., SENSORS, Volume: 18, Issue: 4, Article Number: 1161, ISSN: 1424-8220, 2018, **Q1**, https://www.mdpi.com/1424-8220/18/4/1161	8 / nr. autori ai articolului citat*2	3,20
205. *Detection of ochratoxin A by aptamer-assisted real-time PCR-based assay (Apta-qPCR)*, Modh, Harshvardhan; Scheper, Thomas; Walter, Johanna-Gabriela, ENGINEERING IN LIFE SCIENCES, Volume: 17, Issue: 8, Pages: 923-930, ISSN: 1618-2863, 2017, **Q3**, https://onlinelibrary.wiley.com/doi/full/10.1002/elsc.201700048	8 / nr. autori ai articolului citat	1,60
206. *ELISA-type assays of trace biomarkers using microfluidic methods,* Dong, Jinhua; Ueda, Hiroshi, Wiley interdisciplinary reviews-nanomedicine and nanobiotechnology, Vol. 9 Issue 5, Article Number: e1457, ISSN:1939-0041, 2017, **Q1**, https://onlinelibrary.wiley.com/doi/abs/10.1002/wnan.1457	8 / nr. autori ai articolului citat *2	3,20
Articolul: *Simple Surface Functionalization Strategy for Immunosensing Detection of Aflatoxin B1,* Badea M., **Floroian L.**, Restani P., Moga M., International Journal of Electrochemical Science, 11, 2016, pp. 6719 – 6734, ISSN: 1452-3981, **9 citări** **Citat în**:		
207. *Earlier Detection of Alzheimer's Disease Based on a Novel Biomarker cis P-tau by a Label-Free Electrochemical Immunosensor*, Shiravandi, A; Yari, F; (...); Faridbod, F, Biosensors Basel, Oct 2022, 12 (10), **Q1**, https://www.mdpi.com/2079-6374/12/10/879	8 / nr. autori ai articolului citat *2	4,00
208. *Morphology-Tuned Electrochemical Immunosensing of a Breast Cancer Biomarker Using Hierarchical Palladium Nanostructured Interfaces*, Joshi, A; Vishnu, GKA; (...); Pandya, HJ, ACS Omega, Sep 2022, **Q2**, https://pubs.acs.org/doi/10.1021/acsomega.2c03532	8 / nr. autori ai articolului citat *2	4,00
209. *Electrochemical biosensors based on nanomaterials for aflatoxins detection: A review (2015-2021),* Perez-Fernandez, B, de la Escosura-muniz, A, Analytica Chimica Acta, Jun 15 2022, 1212, **Q1**, https://www.sciencedirect.com/science/article/pii/S000326702200229X?via%	8 / nr. autori ai articolului citat *2	4,00

3Dihub		
210. *Electrochemical-based "antibiotsensor" for the whole-cell detection of the vancomycin-susceptible bacteria*, Dizaji, AN; Ali, Z; (...); Guzel, FD, Talanta, Nov 1 2021, 234, **Q1**, https://www.sciencedirect.com/science/article/abs/pii/S0039914021006160?via%3Dihub	8 / nr. autori ai articolului citat *2	4,00
211. *An Impedance Based Electrochemical Immunosensor for Aflatoxin B-1 Monitoring in Pistachio Matrices*, Kaminiaris, MD; Mavrikou, S; (...); Kintzios, S, Chemosensors, Dec 2020, 8 (4), **Q1**, https://www.mdpi.com/2227-9040/8/4/121	8 / nr. autori ai articolului citat *2	4,00
212. *Fabrication of gold/graphene nanostructures modified ITO electrode as highly sensitive electrochemical detection of Aflatoxin B1*, Althagafi, II; Ahmed, SA and El-Saidid, WA, Plos One, Jan 16 2019, 14 (1), **Q2**, https://journals.plos.org/plosone/article?id=10.1371/journal.pone.0210652	8 / nr. autori ai articolului citat *2	4,00
213. *Sensitivity Comparison of Macro- and Micro-Electrochemical Biosensors for Human Chorionic Gonadotropin (hCG) Biomarker Detection,* Damiati, S; Haslam, C; (...); Awan, SA, IEEE Access, 2019, 7, pp.94048-9405, **Q2**, https://ieeexplore.ieee.org/document/8759873	8 / nr. autori ai articolului citat *2	4,00
214. *Functionalization on Sensing Surfaces for Efficient Biomolecular Capturing*, Thirugnanasambandan, T, 2019, Nanobiosensors for Biomolecular Targeting, book, pp. 51-94, https://www.sciencedirect.com/science/article/pii/B9780128139004000038?via%3Dihub	8 / nr. autori ai articolului citat	2,00
215. *Partially Defatted Pumpkin (Cucurbita maxima) Seeds - a Rich Source of Nutrients for Use in Food Products*, Apostol, Livia; Berca, Lavinia; Mosoiu, Claudia; et al. REVISTA DE CHIMIE Volume: 69, Issue: 6, Pages: 1398-1402, ISSN:2537-5733, 2018, **Q3**, http://www.revistadechimie.ro/article_eng.asp?ID=6332	8 / nr. autori ai articolului citat	2,00
Articolul: *D.T. Cotfas ; P.A Cotfas ; D. Floroian ; Floroian L., Accelerated life test for photovoltaic cells using concentrated light, International Journal of Photoenergy, Volume 2016 (2016), Article ID 9825683, 7 pages, ISSN:1110-662X,* **8 citări** **Citat în**:		
216. *Critical factors and parameters for hybrid Photovoltaic-Thermoelectric systems; review*, Cotfas, DT; Cotfas, PA; (...); Louzazni, M, Applied Thermal Engineering, Oct 2022, 215, **Q1**, https://www.sciencedirect.com/science/article/abs/pii/S1359431122009139?via%3Dihub	8 / nr. autori ai articolului citat *2	4,00
217. *Delamination-and Electromigration-Related Failures in Solar Panels-A Review*, Hasan, AAQ; Alkahtani, AA; (...); Amin, N, Sustainability, Jun 2021, 13 (12), **Q2**, https://www.mdpi.com/2071-1050/13/12/6882	8 / nr. autori ai articolului citat *2	4,00
218. *Comprehensive Review of Methods and Instruments for Photovoltaic-Thermoelectric Generator Hybrid System Characterization*, Cotfas, PA and Cotfas, DT, Energies, Nov 2020, 13 (22), **Q3**, https://www.mdpi.com/1996-1073/13/22/6045	8 / nr. autori ai articolului citat	2,00
219. *Oxidation: A dominant source for reduced efficiency of silicon solar photovoltaic modules*, Chandel, TA; Mallick, MA and Yasin, MY, 1st International Conference on Advanced Lightweight Materials and Structures (ICALMS), 2020, MATERIALS TODAY-PROCEEDINGS, 27, pp.1092-1098,https://www.sciencedirect.com/science/article/pii/S2214785320305782?via%3Dihub	8 / nr. autori ai articolului citat	2,00
220. *Multiconcept Methods to Enhance Photovoltaic System Efficiency,* Cotfas, DT and Cotfas, PA, International Journal of Photoenergy, Nov 25	8 / nr. autori ai	2,00

2019, **Q3**, https://www.hindawi.com/journals/ijp/2019/1905041/	articolului citat	
221. *Reliability Analysis of the 300 W GaInP/GaAs/Ge Solar Cell Array Using PCM*, Shin, GH; Kwon, SJ and Lee, HS, Jun 2019, 36 (2), pp. 69-74, **Q4,** http://koreascience.or.kr/article/JAKO201917767633418.page	8 / nr. autori ai articolului citat	2,00
222. *Performance evaluation of a high-temperature thermoelectric generator under different solar concentrations*, Mahmoudinezhad, S; Cotfas, PA; (...); Rosendah, LA, International Scientific Conference on Environmental and Climate Technologies (CONECT), 2018, Energy Procedia, 147, pp. 624-630, https://www.sciencedirect.com/science/article/pii/S1876610218302376?via%3Dihub	8 / nr. autori ai articolului citat	2,00
223. *Using the genetic algorithm to determine the parameters of photovoltaic cells and panels*, Cotfas, DT; Cotfas, PA and Cataron, A, 13th International Symposium on Electronics and Telecommunications (ISETC), 2018, 2018 13TH INTERNATIONAL SYMPOSIUM ON ELECTRONICS AND TELECOMMUNICATIONS (ISETC), pp. 93-96, https://ieeexplore.ieee.org/document/8584016	8 / nr. autori ai articolului citat	2,00
Articolul: **Floroian L.**, Samoila C., Badea M., Munteanu D., Ristoscu C., Sima F., Negut I., Chifiriuc M. C., Mihailescu I. N., *Stainless steel surface biofunctionalization with PMMA-bioglass coatings: compositional, electrochemical corrosion studies and microbiological assay*, Journal of Materials Science: Materials in Medicine, 2015, vol 26, pp. 195-209, ISSN: 0957-4530, **15 citări** **Citat în**:		
224. *Advances in Multifunctional Bioactive Coatings for Metallic Bone Implants*, Nikolova, MP and Apostolova, MD, Materials, Jan 2023, 16 (1), **Q1**, https://www.mdpi.com/1996-1944/16/1/183	8 / nr. autori ai articolului citat *2	1,78
225. *Implant Surfaces Containing Bioglasses and Ciprofloxacin as Platforms for Bone Repair and Improved Resistance to Microbial Colonization*, Negut, I; Ristoscu, C; (...); Chifiriuc, MC, Pharmaceutics, Jun 2022, 14 (6), **Q1**, https://www.mdpi.com/1999-4923/14/6/1175	8 / nr. autori ai articolului citat *2	1,78
226. *Polymeric Coatings and Antimicrobial Peptides as Efficient Systems for Treating Implantable Medical Devices Associated-Infections*, Negut, I; Bita, B and Groza, A, Polymers, Apr 2022, 14 (8), **Q1**, https://www.mdpi.com/2073-4360/14/8/1611	8 / nr. autori ai articolului citat *2	1,78
227. *Bioactive Glass-An Extensive Study of the Preparation and Coating Methods*, Maximov, M; Maximov, OC; (...); Andronescu, E, Coatings, Nov 2021, 11 (11), **Q2**, https://www.mdpi.com/2079-6412/11/11/1386	8 / nr. autori ai articolului citat *2	1,78
228. *Substituted Hydroxyapatite, Glass, and Glass-Ceramic Thin Films Deposited by Nanosecond Pulsed Laser Deposition (PLD) for Biomedical Applications: A Systematic Review*, Teghil, R; Curcio, M and De Bonis, A, Coatings, 2021, 11 (7), **Q2**, https://www.mdpi.com/2079-6412/11/7/811	8 / nr. autori ai articolului citat *2	1,78
229. *Nanosilver-loaded PMMA bone cement doped with different bioactive glasses - evaluation of cytocompatibility, antibacterial activity, and mechanical properties*, Wekwejt, M; Chen, S; (...); Zielinski, A, Biomaterial Science, Apr 21 2021, 9 (8), pp.3112-3126, **Q1**, https://pubs.rsc.org/en/content/articlelanding/2021/BM/D1BM00079A	8 / nr. autori ai articolului citat *2	1,78
230. *Anticorrosive Effect of the Size of Silica Nanoparticles on PMMA-Based Hybrid Coatings*, Gonzalez-Reyna, MA; Espinosa-Medina, MA; (...); Estevez, M, Journal of Materials Engineering and Performance, Feb 2021, 30 (2), pp.1054-1065, **Q4**, https://link.springer.com/article/10.1007/s11665-020-	8 / nr. autori ai articolului citat	0,89

05437-x		
231. *Deposition of poly(methyl methacrylate) and composites containing bioceramics and bioglass by dip coating using isopropanol-water co-solvent*, Li, XL and Zhitomirsky, Progress in Organic Coatings, Nov 2020, 148, **Q1**, https://www.sciencedirect.com/science/article/pii/S0300944020310948?via%3Dihub	8 / nr. autori ai articolului citat *2	1,78
232. *Electrophoretic deposition of polymethylmethacrylate and composites for biomedical applications*, D'Elia, A; Deering, J; (...); Zhitomirsky, Colloids and Surfaces B: Biointerfaces, I Apr 2020, 188, **Q1**, https://www.sciencedirect.com/science/article/abs/pii/S0927776519309075?via%3Dihub	8 / nr. autori ai articolului citat *2	1,78
233. *Biological safety of Electroacupuncture with STS316 needles*, Choi, KH; Yeon, SH; (...); Ryu, Y, BMC Complementary Medicine and Therapies, Oct 28 2019, 19 (1), **Q1**, https://bmccomplementmedtherapies.biomedcentral.com/articles/10.1186/s12906-019-2674-6	8 / nr. autori ai articolului citat *2	1,78
234. *Cyclopropylamine modified plasma polymerised poly(methyl methacrylate) thin films for cell culture*, Chan, V; Li, C; (...); Chen, Y, 5th International Symposium on Next-Generation Electronics (ISNE), International Journal of Nanotechnology, 2017, 14 (12) , pp.1045-1065, **Q4**, https://www.inderscienceonline.com/doi/abs/10.1504/IJNT.2017.087781	8 / nr. autori ai articolului citat	0,89
235. *Corrosion of biomaterials: anodic treatment and evaluation of 316L stainless steel in simulated body fluid*, Hassan, N and Ghany, NAA, Corrosion Engineering, Science and Technology, 2017, 52 (4), pp.267-275, **Q2**, https://www.tandfonline.com/doi/abs/10.1080/1478422X.2016.1267932?journalCode=ycst20	8 / nr. autori ai articolului citat *2	1,78
236. *Improved antifouling properties and selective biofunctionalization of stainless steel by employing heterobifunctional silane-polyethylene glycol overlayers and avidin-biotin technology*, Hynninen, V; Vuori, L; (...); Hytonen, VP, scientific reports, Jul 6 2016, 6, **Q2**, https://www.nature.com/articles/srep29324	8 / nr. autori ai articolului citat *2	1,78
237. *Submicrometer hollow bioglass cones deposited by radio frequency magnetron sputtering: formation mechanism, properties, and prospective biomedical applications*. A. C. Popa, G. E. Stan, C. Besleaga, L. Ion, V. A. Maraloiu, D. U. Tulyaganov, and J. M. F. Ferreira, ACS Applied Materials & Interfaces. 2016, 8 (7), pp 4357–4367, **Q1**, https://pubs.acs.org/doi/abs/10.1021/acsami.6b00606	8 / nr. autori ai articolului citat *2	1,78
238. *The microstructure, mechanical properties and corrosion resistance of 316L stinless steel fabricated using laser engineered net shaping*, M. Ziętalaa, T. Durejkoa, M. Polańskia, I. Kunce, et al, Materials Science and Engineering: A, Vol. 677, ISSN:0921-5093, 2016, **Q1,** https://infoscience.epfl.ch/record/225036?ln=en	8 / nr. autori ai articolului citat *2	1,78
Articolul: *Ageing of Photovoltaic Cells Under Concentrated Light,* D.T. Cotfas; P.A Cotfas; D. Floroian; **L. Floroian**; Mihai Cernat, 2015, DOI:10.1109/OPTIM.2015.7427048, **2 citări** **Citat în**:		
239. *Light source selection for a solar simulator for thermal applications: A review,* Tawfik, M.; Tonnellier, X.; Sansom, C., Renewable & Sustainable Energy Reviews, Volume: 90, Pages: 802-813, ISSN: 1364-0321, 2018, **Q4**, https://www.sciencedirect.com/science/article/pii/S1364032118301321	8 / nr. autori ai articolului citat	1,60

240. *System design to study hybrid systems in concentrated light using Fresnel lens*, Cotfas, Petru A.; Cotfas, Daniel T.; Gerigan, Carmen; et al., 2017 International Conference on Optimization of Electrical and Electronic Equipment (Optim) & 2017 Intl Aegean Conference on Electrical Machines and Power Electronics (Acemp), Pages: 753-758, 2017, https://ieeexplore.ieee.org/document/7975059	8 / nr. autori ai articolului citat	1,60
Articolul: *Investigations of pulsed laser deposited TIN thin films for titanium implants,* Popescu-Pelin G., Craciun D., Socol G., Cristea D., **Floroian L.**, Badea M., Socol M., Craciun V., Romanian Reports in Physics, Vol. 67, No. 4, P. 1491–1502, ISSN: 1221-1451, 2015, **3 citări** **Citat în**:		
241. *Tribomechanical Properties of a Carbon-Based Nanolayer Prepared by Nitrogen Ion Beam Assisted Deposition for Finger Joint Replacements*, Horazdovsky, Tomas; Vrbova, Radka, JOURNAL OF NANOMATERIALS Article Number: 3749309, ISSN: 1687-4110, 2018, **Q3,** https://www.hindawi.com/journals/jnm/2018/3749309/	8 / nr. autori ai articolului citat	1,00
242. *The first seventy volumes of romanian reports in physics: a brief survey of the romanian physics community*, Vlad, V. I.; Baran, V.; Nicolin, A. I.; et al., Romanian reports in physics, Volume: 70, Issue 1, Article Number: 101, ISSN: 1221-1451, 2018, **Q3,** http://www.rrp.infim.ro/IP/2018/AN101.pdf	8 / nr. autori ai articolului citat	1,00
243. *Investigation of corrosion behavior of polypyrrole-coated Ti using dynamic electrochemical impedance spectroscopy (DEIS)* Author(s): Rikhari, B, Mani, SP, Rajendran, N, RSC ADVANCES, Volume: 6, Issue: 83, ISSN: 2046-2069, Pages: 80275-80285, DOI: 10.1039/c6ra09100h, 2016, WOS:000382539600115, **Q2**, https://pubs.rsc.org/en/content/articlelanding/2016/ra/c6ra09100h#!divAbstract	8 / nr. autori ai articolului citat *2	2,00
Articolul: **Floroian, L.**, Florescu, M., Munteanu, D, Badea, M., Popescu-Pelin, G., Ristoscu, C., Sima, F., Chifiriuc, C.M., Mihailescu, I.N., *A new concept of stainless steel medical implant based upon composite nanostructures coating*, Digest Journal of Nanomaterials and Biostructures, vol 9, nr 4, oct-dec, 2014, pp. 1555-1568, ISSN:1842-3582, **3 citări** **Citat în**:		
244. *Bioactive glasses incorporating less-common ions to improve biological and physical properties*, Pantulap, U; Arango-Ospina, M and Boccaccini, AR, Journal of Materials Science: Materials in Medicine, Jan 2022, 33 (1), **Q2**, https://link.springer.com/article/10.1007/s10856-021-06626-3	8 / nr. autori ai articolului citat *2	1,78
245. *Substituted Hydroxyapatite, Glass, and Glass-Ceramic Thin Films Deposited by Nanosecond Pulsed Laser Deposition (PLD) for Biomedical Applications: A Systematic Review*, Teghil, R; Curcio, M and De Bonis, A, Coatings, 2021, 11 (7), **Q2**, https://www.mdpi.com/2079-6412/11/7/811	8 / nr. autori ai articolului citat *2	1,78
246. *Corrosion of biomaterials: anodic treatment and evaluation of 316L stainless steel in simulated body fluid*, Hassan, Nazly; Ghany, N. A. Abdel, Corrosion engineering science and technology, Volume: 52, Issue: 4, Pages: 267-275, ISSN:1478-422X, 2017, **Q2**, https://www.tandfonline.com/doi/abs/10.1080/1478422X.2016.1267932	8 / nr. autori ai articolului citat *2	1,78
Articolul: Cotfas P.A., Cotfas D. T., **Floroian L.**, Floroian D., *General Physics Remote Laboratory based on the NI ELVIS Platform and Moodle*, IEEExplore, apr. 2014, ISBN: 978-1-4799-2024-2, DOI: 10.1109/REV.2014.6784244, **1 citare**		

Citat în:		
247. *The computer laboratory Workshops "The Bases of Electronics"*, Zhukov, AA; Dotsenko, OA; (...); Pavlova, AA, International Siberian Conference on Control and Communications (SIBCON), 2015, https://ieeexplore.ieee.org/document/7147045	8 / nr. autori ai articolului citat	2,00
Articolul: **Floroian, L.**, Florescu, M., Sima F., Popescu-Pelin, G., Ristoscu, C., Mihailescu, *Synthesis of biomaterial thin films by pulsed laser technologies: Electrochemical evaluation of bioactive glass-based nanocomposite coatings for biomedical applications*, Materials Science and Engineering: C, 2012, 32 (5), pp. 1152-1157 **18 citări** **Citat în:**		
248. *Alginate/Bioglass® composite coatings on stainless steel deposited by direct current and alternating current electrophoretic deposition*, Qiang Chen, Luis Cordero-Arias, Judith 257. A. Roether, Sandra Cabanas-Polo, Sannakaisa Virtanen, Aldo R. Boccaccini, Surface and Coatings Technology, Volume 233, 25 October 2013, Pages 49–56, ISSN:0257-8972, **Q1**, https://www.sciencedirect.com/science/article/abs/pii/S0257897213001199	8 / nr. autori ai articolului citat	1,33
249. *MAPLE Deposition of Macromolecules*: Shepard, KB, Priestley, RD MACROMOLECULAR CHEMISTRY AND PHYSICS Volume: 214 Issue: 8 Pages: 862-872 DOI: 10.1002/macp.201200621 Published: APR 25 2013, WOS:000318028700001, ISSN: 1022-1352, **Q2**, https://onlinelibrary.wiley.com/doi/full/10.1002/macp.201200621	8 / nr. autori ai articolului citat *2	2,67
250. *AC Impedance Behaviors of Electrochemically Deposited Si-Hydroxyapatite Films on Nanotube-Formed Ti-Nb-Zr Alloys,* Jeong, YH; Choe, HC, JOURNAL OF NANOSCIENCE AND NANOTECHNOLOGY Volume: 14 Issue: 12 Pages: 9014-9019 DOI: 10.1166/jnn.2014.10061 Published: DEC 2014, WOS:000344126900022 PubMed ID: 25971001, ISSN: 1533-4880, **Q4**, https://www.ncbi.nlm.nih.gov/pubmed/25971001	8 / nr. autori ai articolului citat	1,33
251. *Functional and smart coatings for corrosion protection: A review of recent advances*, M.F. Montemor, Surface and Coatings Technology, Volume 258, 15 November 2014, Pages 17–37, ISSN:0257-8972, **Q1**, https://www.sciencedirect.com/science/article/abs/pii/S0257897214005428	8 / nr. autori ai articolului citat	1,33
252. *In vivo cytotoxicity of MgO-doped nanobioactive glass particles and their anticorrosive coating on Ti–6Al–4V and SS304 implants for high load-bearing applications*, M. Prabhu, R. Suriyaprabha, V. Rajendran, P. Kulandaivelu and S. Valiyaveettil, RSC Adv., 2014, 4, pp. 43630-43640, ISSN:2046-2069, **Q2**, https://pubs.rsc.org/en/Content/ArticleLanding/2014/RA/c4ra04892j#!divAbstract	8 / nr. autori ai articolului citat *2	2,67
253. *In vitro short-time stability of a bioactive glass-chitosan composite coating evaluated by using electrochemical methods*, Turdean, G.L., Fort, I.C., Simon, V., Electrochimica Acta, 2015, volume 182, pp. 707 – 714, ISSN:0013-4686, **Q1**, https://www.sciencedirect.com/science/article/pii/S0013468615305454	8 / nr. autori ai articolului citat *2	2,67
254. *Magnetite Nanocomposites Thin Coatings Prepared by MAPLE to Prevent Microbial Colonization of Medical Surfaces,* AM Holban, AM Grumezescu, CM Saviuc, *in Eco-friendly Polymer Nanocomposites: Chemistry and Applications*, edited by Vijay Kumar Thakur, Manju Kumari Thakur, 2015, pp. 311-341, ISSN:1869-8441, ISBN:978-81-322-2473-0, https://link.springer.com/chapter/10.1007/978-81-322-2473-0_10	8 / nr. autori ai articolului citat	1,33

255. *Biodegradable bi-layered coatings shaped by dipping of Ti films followed by the EPD of gelatin/hydroxyapatite composites*, Frajkorova, Frantiska; Molero, Esther; Montero, Pilar; et al., Journal of the European Ceramic Society, Volume: 36, Issue: 2, Special Issue: SI, Pages: 343-355, 2015, ISSN:0955-2219, **Q1**, https://www.sciencedirect.com/science/article/abs/pii/S0955221915300510	8 / nr. autori ai articolului citat *2	2,67
256. *Vitroceramic interface deposited on titanium substrate by pulsed laser deposition method*, Voicu, G, Miu, D, Dogaru, I, Jinga, SI, Busuioc, C INTERNATIONAL JOURNAL OF PHARMACEUTICS Volume: 510 Issue: 2 Pages: 449-456 DOI: 10.1016/j.ijpharm.2015.10.083, ISSN: 0378-5173, Published: AUG 30 2016, **Q1**, https://www.sciencedirect.com/science/article/pii/S0378517315303501	8 / nr. autori ai articolului citat *2	2,67
257. *Self-Healing Glassy Thin Coating for High-Temperature Applications*, Castanie, S, Carlier, T; Mear, FO, Saitzek, S; Blach, JF; Podor, R; Montagne, L, ACS APPLIED MATERIALS & INTERFACES Volume: 8 Issue: 6 Pages: 4208-4215 DOI: 10.1021/acsami.5b12049 Published: FEB 17 2016, WOS:000370583100078, ISSN: 1944-8244, **Q1**, https://pubs.acs.org/doi/abs/10.1021/acsami.5b12049	8 / nr. autori ai articolului citat *2	2,67
258. *Antimicrobial Thin Coatings Prepared by Laser Processing*, Popescu, RC, Fufa, O, Apostol, AI, Popescu, D, Grumezescu, Andronescu, E Edited by: Ficai A; Grumezescu AM Source: NANOSTRUCTURES FOR ANTIMICROBIAL THERAPY Book Series: Nanostructures in Therapeutic Medicine Pages: 223-236 DOI: 10.1016/B978-0-323-461528.00009-3 Published: 2017 Accession Number: WOS:000429483800012 ISBN: 978-0-323-46151-1; 978-0-323-46152-8, https://www.sciencedirect.com/science/article/pii/B9780323461528000093	8 / nr. autori ai articolului citat	1,33
259. *Pulsed laser-deposited composite carbon-glass-ceramic films with improved hardness*, Curcio, M.; De Bonis, A.; Fosca, M.; et al., Journal of materials science, ISSN:0022-2461, Volume: 52, Issue: 15, Pages: 9140-9150, 2017, **Q2**, https://link.springer.com/article/10.1007/s10853-017-0771-9	8 / nr. autori ai articolului citat *2	2,67
260. *Vitroceramic coatings deposited by laser ablation on Ti-Zr substrates for implantable medical applications with improved biocompatibility*, Busuioc, C.; Voicu, G.; Zuzu, I. D.; et al., Ceramics International, Volume: 43, Issue: 7, Pages: 5498-5504, 2017, ISSN:0272-8842, **Q1**, https://www.sciencedirect.com/science/article/pii/S0272884217300822	8 / nr. autori ai articolului citat *2	2,67
261. *Pulsed laser deposited bioactive RKKP-Mn glass-ceramic coatings on titanium*, Curcio, M; De Stefanis, A; (...); Rau, JV, Surface and Coatings Technology, Jan 15 2019, 357, pp.122-128, **Q1**, https://www.sciencedirect.com/science/article/abs/pii/S0257897218310892?via%3Dihub	8 / nr. autori ai articolului citat *2	2,67
262. *Corrosion prevention prospects of polymeric nanocomposites: A review*, Kausar, A, Journal of Plastic Film & Sheeting, Apr 2019, 35 (2) , pp.181-202, **Q3**, https://journals.sagepub.com/doi/10.1177/8756087918806027	8 / nr. autori ai articolului citat	1,33
263. *Niobo-phosphate bioactive glass films produced by pulsed laser deposition on titanium surfaces for improved cell adhesion* Sanz, CK; dos Santos, AR; (...); Camargo, SAD, Oct 1 2019, 45 (14) , pp.18052-18058, Ceramics International, **Q1**, https://www.sciencedirect.com/science/article/pii/S0272884219315093?via%3Dihub	8 / nr. autori ai articolului citat *2	2,67
264. *Electrophoretic deposition of polymethylmethacrylate and composites for biomedical applications*, D'Elia, A; Deering, J; (...); Zhitomirsky, I, Apr 2020, 188, Colloids and Surfaces B: Biointerfaces, **Q1**, https://www.sciencedirect.com/science/article/abs/pii/S0927776519309075?v	8 / nr. autori ai articolului citat *2	2,67

ia%3Dihub		
265. *Substituted Hydroxyapatite, Glass, and Glass-Ceramic Thin Films Deposited by Nanosecond Pulsed Laser Deposition (PLD) for Biomedical Applications: A Systematic Review*, Teghil, R; Curcio, M and De Bonis, A, Coatings, 2021, 11 (7), **Q2**, https://www.mdpi.com/2079-6412/11/7/811	8 / nr. autori ai articolului citat *2	2,67
266. *Bioactive Glass-An Extensive Study of the Preparation and Coating Methods*, Maximov, M; Maximov, OC; (...); Andronescu, E, Coatings, Nov 2021, 11 (11), **Q2**, https://www.mdpi.com/2079-6412/11/11/1386	8 / nr. autori ai articolului citat *2	2,67
Articolul: **Floroian L.**, Popescu A., Serban N., Mihailescu I. N., *Polymer-Bioglass Composite Coatings: A Promising Alternative For Advanced Biomedical Implants*, in John Cuppoletti (Ed.), Metal, Ceramic and Polymeric Composites for Various Uses, INTECH, 2011, 28 pg., ISBN 978-953-307-353-8, **1 citări** **Citat în:**		
267. *Cold spray as an emerging technology for biocompatible and antibacterial coatings: state of art*, Journal of Materials Science, July 2015, Volume 50, Issue 13, pp 4441–4462, issn:0957-4530 An Aparitie: 2015, nr Autori: 4, zona Citare: **Q2** https://link.springer.com/article/10.1007/s10853-015-9013-1	8 / nr. autori ai articolului citat *2	4,00
Articolul: **Floroian, L.**, Mihailescu, I.N., Sima, F., Stanciu, G., Savu, B., *Evaluation of biocompatibility and bioactivity for pmma – bioactive glass nanocomposite films obtained by MAPLE*, Scientific Bulletin University Politehnica of Bucharest, Romania, Series A, Vol. 72, Iss.2, 2010, pp. 133-148, ISSN: 1223-7027, **1 citare** **Citat în:**		
268. *Tuning the Mechanical and Dielectric Properties of Zinc Incorporated Hydroxyapatite*, Qamar, A; Zia, R and Riaz, M, Current Nanoscience, 2020, 16 (6), pp. 982-993, **Q4**, https://www.eurekaselect.com/article/105230	8 / nr. autori ai articolului citat	2,00
Articolul: **Floroian, L.**, Sima, F, Florescu, M. , Badea, M., Popescu, A.C., Serban, N, Mihailescu, I.N., *Double layered nanostructured composite coatings with bioactive silicate glass and polymethylmetacrylate for biomimetic implant applications*, Journal of Electroanalytical Chemistry, Elsevier, Nederland, vol. 648, 2010, pp. 111-118, ISSN: 1572-6657, **25 citări** **Citat în:**		
269. *Synthesis, Processing and Application of Nanostructured Coatings*, Aliofkhazraei, M, Nanocoatings: size effect in nanostructured films, Book Series: Engineering Materials Pages: 1-28 DOI: 10.1007/978-3-642-17966-2_1 Published: 2011 Accession Number: WOS:000292078000001 ISSN: 1612-1317 ISBN: 978-3-642-17965-5 Book DOI: 10.1007/978-3-642-17966-2, https://link.springer.com/chapter/10.1007/978-3-642-17966-2_1	8 / nr. autori ai articolului citat	1,14
270. *Bioactive glass thin films synthesized by advanced pulsed laser techniques*, Mihailescu, N, Stan, GE, Ristoscu, C, Sopronyi, M, Mihailescu, IN, Edited by: Chamati H; Genova J; Gesheva K; Ivanova T; Paskaleva A; Szekeres A, Source: INERA Conference: Vapor phase technologies for metal oxide and carbon nanostructures, Book Series: Journal of Physics Conference Series Volume: 764 Article Number: 012020 DOI: 10.1088/1742-6596/764/1/012020, ISSN: 1742-6596, Published: 2016, https://iopscience.iop.org/article/10.1088/1742-6596/764/1/012020/meta	8 / nr. autori ai articolului citat	1,14
271. *Vitroceramic interface deposited on titanium substrate by pulsed laser deposition method*, Voicu, G, Miu, D, Dogaru, I, Jinga, SI, Busuioc, C, International Journal Of Pharmaceutics, 510 (2), pp. 449-	8 / nr. autori ai articolului citat	2,29

456, DOI:10.1016/j.ijpharm.2015.10.083, aug 2016, ISSN: 0378-5173, **Q1** https://www.sciencedirect.com/science/article/pii/S0378517315303501	*2	
272. *Multilayer bioactive glass/zirconium titanate thin films in bone tissue engineering and regenerative dentistry*, Mozafari, M., Salahinejad, E., Shabafrooz, V., Yazdimamaghani, M., Vashaee, D., Tayebi, L., International Journal of Nanomedicine, 2013;8:1665-72, ISSN:1178-2013, **Q1** https://www.ncbi.nlm.nih.gov/pubmed/23641155	8 / nr. autori ai articolului citat *2	2,29
273. *Implantable (bio)polimer coated titanium scaffolds: a review*, Vanderleyden, E., Mullens, S., Luyten, J., Dubruel, P., Current Pharmaceutical Design, vol.18., issue 18, pp. 2576-2590, 2012, ISSN:1381-6128, **Q3** https://www.ncbi.nlm.nih.gov/pubmed/22512448	8 / nr. autori ai articolului citat	1,14
274. *MAPLE activities and applications in gas sensors*, Jelinek, M., Remsa, J., Kocourek, T., Kubesova, B., Schurek, J., Myslik, V., Applied Physics A-Materials Science and Processing, vol.105, issue 3, pp. 643-649, 2011, ISSN:0947-8396, https://link.springer.com/article/10.1007/s00339-011-6629-0	8 / nr. autori ai articolului citat	1,14
275. *Fibronectin layers by MAPLE from saline buffer-based cryogenic target*, Sima, F., Davidson, P., Pauthe, E., Sima, L.E., Gallet, O., Mihailescu, I.N., Anselme, K., Acta biomaterialia, vol.7, issue 10, pp. 3780-3788, 2011, ISSN:1742-706, **Q2**, https://www.academia.edu/24190693/Fibronectin_layers_by_matrix-assisted_pulsed_laser_evaporation_from_saline_buffer-based_cryogenic_targets	8 / nr. autori ai articolului citat *2	2,29
276. *Levan nanostructured thin films by MAPLE assembling*, Sima, F., Mutlu, E.C., Eroglu, M.S., Sima, L.E., Serban, N., Ristoscu, C., Petrescu, S.M., Mihailescu, I.N., Biomacromolecules, vol 12, issue 6, pp. 2251-2256, 2011, ISSN:1525-7797, **Q1**, https://pubs.acs.org/doi/abs/10.1021/bm200340b	8 / nr. autori ai articolului citat *2	2,29
277. *Strong bonding between sputtered bioglass–ceramic films and Ti-substrate implants induced by atomic inter-diffusion post-deposition heat-treatments*, G.E. Stan, A.C. Popa, A.C. Galca, G. Aldica, J.M.F. Ferreira, Applied Surface Science, Volume 280, 1 September 2013, Pages 530–538, ISSN:0169-4332, **Q1**, https://www.sciencedirect.com/science/article/pii/S0169433213009240	8 / nr. autori ai articolului citat *2	2,29
278. *Double layer bioglass-silica coatings on 316L stainless steel by sol-gel method*, Pourhashem, S., Afshar, A., Ceramics International 40 (1 PART A), pp. 993-1000, 2014, ISSN:0272-8842, **Q1**, https://www.sciencedirect.com/science/article/pii/S0272884213007712	8 / nr. autori ai articolului citat*2	2,29
279. *Multilayer bioactive glass/zirconium titanate thin films in bone tissue engineering and regenerative dentistry*, Mozafari, M., Salahinejad, E., Shabafrooz, V., Yazdimamaghani, M., Vashaee, D., Tayebi, L., International Journal of Nanomedicine, 2013;8:1665-72, ISSN:1178-2013, **Q1**, https://www.ncbi.nlm.nih.gov/pubmed/23641155	8 / nr. autori ai articolului citat *2	2,29
280. *In vivo cytotoxicity of MgO-doped nanobioactive glass particles and their anticorrosive coating on Ti–6Al–4V and SS304 implants for high load-bearing applications*, M. Prabhu, R. Suriyaprabh, V. Rajendran, P. Kulandaivelu and S. Valiyaveettil, RSC Adv., 2014, 4, 43630-43640, ISSN:2046-2069, **Q2**, https://pubs.rsc.org/en/Content/ArticleLanding/2014/RA/c4ra04892j#!divAbstract	8 / nr. autori ai articolului citat*2	2,29
281. *Ultra high molecular weight polyethylene acetabular cups functionalized with bioactive glass coatings synthesized by pulsed laser deposition*, L. Duta, A. C. Popa, F. Miculescu, I. N. Mihailescu, Romanian Reports in Physics,	8 / nr. autori ai articolului citat	1,14

Vol. 66, No. 3, Pp. 788–800, 2014, ISSN:1841-8759, **Q3**, http://www.rrp.infim.ro/2014_66_3.html		
282. *Monitoring on short-term the corrosion processes of three different metal-ceramic crowns*, Andrei, M., Buica, G., Burlibasa, M., Gheorghe, D., Pirvu, C, IEEEXplore, 2014, ISSN:1545-827X, ieeexplore.ieee.org, pp 99-102, https://ieeexplore.ieee.org/document/6966403	8 / nr. autori ai articolului citat	1,14
283. *Biomimetic Assemblies by Matrix-Assisted Pulsed Laser Evaporation*, F Sima, IN Mihailescu – in Laser Technology in Biomimetics: Basics and Applications: 2013 – Springer, ISSN:1618-7210, https://link.springer.com/chapter/10.1007/978-3-642-41341-4_5	8 / nr. autori ai articolului citat	1,14
284. *Magnetite Nanocomposites Thin Coatings Prepared by MAPLE to Prevent Microbial Colonization of Medical Surfaces,* AM Holban, AM Grumezescu, CM Saviuc, In: Eco-friendly Polymer Nanocomposites: Chemistry and Applications, edited by Vijay Kumar Thakur, Manju Kumari Thakur, 2015, pp. 311-341, ISSN:1869-8441, ISBN:978-81-322-2473-0, https://link.springer.com/chapter/10.1007/978-81-322-2473-0_10	8 / nr. autori ai articolului citat	1,14
285. *Fabrication of magnetite-based core-shell coated nanoparticles with antibacterial properties*, Grumezescu, A.M., Cristescu, R., Chifiriuc, M.C., (...), Enculescu, M., Chrisey, D.B., Biofabrication, 2015, Vol. 7(1), pp. 015014, ISSN:1758-5090, **Q1**, https://iopscience.iop.org/article/10.1088/1758-5090/7/1/015014/pdf	8 / nr. autori ai articolului citat *2	2,29
286. *In vitro short-time stability of a bioactive glass-chitosan composite coating evaluated by using electrochemical methods*, Turdean, G.L., Fort, I.C., Simon, V., Electrochimica Acta, 2015, volume 182, pp. 707 – 714, ISSN:0013-4686, **Q1**, https://www.sciencedirect.com/science/article/pii/S0013468615305454	8 / nr. autori ai articolului citat *2	2,29
287. *Bioactive glass thin films synthesized by advanced pulsed laser techniques*, Mihailescu, N; Stan, GE; (...); Mihailescu, IN, INERA Conference on Vapor Phase Technologies for Metal Oxide and Carbon Nanostructures, 2016, https://iopscience.iop.org/article/10.1088/1742-6596/764/1/012020	8 / nr. autori ai articolului citat	1,14
288. *Vitroceramic interface deposited on titanium substrate by pulsed laser deposition method*, Voicu, G; Miu, D; (...); Busuioc, C, International Journal of Pharmaceutics, Aug 30 2016, 510 (2) , pp. 449-456, **Q1**, https://www.sciencedirect.com/science/article/abs/pii/S0378517315303501?via%3Dihub	8 / nr. autori ai articolului citat *2	2,29
289. *Electrophoretic deposition of Bioactive glass - Chitosan nanocomposite coatings on Ti-6Al-4V for orthopedic applications,* Mahlooji, E; Atapour, M and Labbaf, S, Carbohydrate Polymers, Dec 15 2019, 226, **Q1**, https://www.sciencedirect.com/science/article/abs/pii/S014486171930966X?via%3Dihub	8 / nr. autori ai articolului citat *2	2,29
290. *Sol-gel coatings incorporating borosilicate bioactive glass enhance anti corrosive and surface performance of stainless steel implants,* Balestriere, MA; Schuhladen, K; (...); Ballarre, J, Journal of Electroanalytical Chemistry, Nov 1 2020, 876, **Q1**, https://www.sciencedirect.com/science/article/abs/pii/S1572665720309632?via%3Dihub	8 / nr. autori ai articolului citat *2	2,29
291. *Untwining the topography-chemistry interdependence to optimize the bioactivity of nano-engineered titanium implants,* Guo, TQ; Oztug, NAK; (...); Gulati, K, Applied Surface Science, Dec 30 2021, 570, **Q1**, https://www.sciencedirect.com/science/article/abs/pii/S0169433221021401?via%3Dihub	8 / nr. autori ai articolului citat *2	2,29

292. *Bioactive Glass-An Extensive Study of the Preparation and Coating Methods*, Maximov, M; Maximov, OC; (...); Andronescu, E, Coatings, Nov 2021, 11 (11), **Q2**, https://www.mdpi.com/2079-6412/11/11/1386	8 / nr. autori ai articolului citat *2	2,29
293. *Implant Surfaces Containing Bioglasses and Ciprofloxacin as Platforms for Bone Repair and Improved Resistance to Microbial Colonization*, Negut, I; Ristoscu, C; (...); Chifiriuc, MC, Pharmaceutics, Jun 2022, 14 (6), **Q1**, https://www.mdpi.com/1999-4923/14/6/1175	8 / nr. autori ai articolului citat *2	2,29
Articolul: **Floroian, L.,** Boer, A., *In vitro studies on pmma-bioglass composite films*, Bulletin of the Transilvania University of Brasov, vol 2 (51), Series III, Braşov, 2009, pp. 269-279, ISSN 2065-2151, **1 citare** **Citat în:**		
294. *Analysis of solvent induced porous PMMA–Bioglass monoliths by the phase separation method – mechanical and in vitro biocompatible studies*, D. Durgalakshmi and S. Balakumar, Phys. Chem. Chem. Phys., 2015, 17, pp. 1247-1256, ISSN:1463-9076, **Q2** https://pubs.rsc.org/en/content/articlelanding/2015/cp/c4cp03515a#!divAbstract	8 / nr. autori ai articolului citat *2	8,00
Articolul: **Floroian, L**., Savu, B., Stanciu, G., Popescu, A.C., Sima, F., Mihailescu, I. N., Mustata, R., Sima, L.E., Petrescu, S.M., Tanaskovic, D., Janackovic, D., *Nanostructured bioglass thin films syntherized by pulsed laser deposition: CLSM, Ftir investigations and in vitro biotests*, Applied Surface Science, Elsevier, Nederland,vol. 255, 2008, pp. 3056-3062, ISSN: 0169-4332, **15 citări** **citat în**:		
295. *On the bioactivity of adherent bioglass thin films synthesized by magnetron sputtering techniques,* Stan, G.E., Popescu, A.C., Mihailescu, I.N., Marcov, D.A., Mustata, R.C., Sima, L.E., Petrescu, S.M., Morosanu, C.O., 2010, Thin Solid Films 518 (21), pp. 5955-5964, ISSN:0040-6090, **Q3**, https://www.sciencedirect.com/science/article/pii/S0040609010007868	8 / nr. autori ai articolului citat	0,73
296. *Production of biomaterial coatings by laser-assisted processes* Pou, J Lusquinos, F, Comesana, R, Boutinguiza, M, Edited by: Lawerence J; Pou J; Low DKY; Toyserkani E, Advances in laser materials processing: technology, research and applications Book ISBN: 978-1-84569-474-6, Published: 2010 , https://www.sciencedirect.com/search/advanced?pub=Advances+in+Laser+Materials+Processing&cid=307924&qs=Production+of+biomaterial+coatings+by+laser-assisted+processes+	8 / nr. autori ai articolului citat	0,73
297. *Bioactive glass coatings: A review*, Sola, A., Bellucci, D., Cannillo, V., Cattini, A., Surface Engineering, 2011, 27 (8), pp. 560-572. ISSN: 0267-0844, **Q3**, https://www.tandfonline.com/doi/abs/10.1179/1743294410Y.0000000008?journalCode=ysue20	8 / nr. autori ai articolului citat *2	0,73
298. *Bioactive glass-ceramic coatings prepared by pulsed laser deposition from RKKP targets (sol-gel vs melt-processing route)*, Rau, J.V., Teghil, R., Fosca, M., De Bonis, A., Cacciotti, I., Bianco, A., Albertini, V.R., (...), Ravaglioli, A., Materials Research Bulletin 2012, 47 (5), pp. 1130-1137, **Q2** https://www.sciencedirect.com/science/article/pii/S0025540812000657	8 / nr. autori ai articolului citat *2	1,45
299. *A study on in vitro and in vivo bioactivity of HA/45S5 composite films by pulsed laser deposition*, D.G. Wang, C.Z. Chen, Q.S. Ma, Q.P. Jin, H.C. Li, Applied Surface Science, Volume 270, 1 April 2013, Pages 667–674,	8 / nr. autori ai articolului citat *2	

ISSN:0169-4332, **Q1**, https://www.sciencedirect.com/science/article/pii/S0169433213001657		1,45
300. *MAPLE fabrication of thin films based on kanamycin functionalized magnetite nanoparticles with anti-pathogenic properties*, V. Grumezescu, E. Andronescu, A.M. Holban, L. 11. Mogoantă, G.D. Mogoşanu, A. M. Grumezescu, A. Stănculescu, G. Socol, F. Iordache, H. Maniu, M.C. Chifiriuc, Applied Surface Science, Volume 336, 1 May 2015, Pages 188–195, ISSN:0169-4332, **Q1**, https://www.sciencedirect.com/science/article/pii/S0169433214024520	8 / nr. autori ai articolului citat *2	1,45
301. *Vitroceramic interface deposited on titanium substrate by pulsed laser deposition method*, Voicu, G, Miu, D, Dogaru, I, Jinga, SI, Busuioc, C INTERNATIONAL JOURNAL OF PHARMACEUTICS, Volume: 510 Issue: 2 Pages: 449-456 DOI: 10.1016/j.ijpharm.2015.10.083 Published: AUG 30 2016, ISSN: 0378-5173, **Q1**, https://www.sciencedirect.com/science/article/pii/S0378517315303501	8 / nr. autori ai articolului citat *2	1,45
302. *Laser thin films deposition and characterization for biomedical applications,* Sima, F, Ristoscu, C, Duta, L, Gallet, O, Anselme, K , Mihailescu, IN, Edited by: Vilar R Source: LASER SURFACE MODIFICATION OF BIOMATERIALS: TECHNIQUES AND APPLICATIONS Book Series: Woodhead Publishing Series in Biomaterials Volume: 111 Pages: 77-125 DOI: 10.1016/B978-0-08-100883-6.00003-4, 2016, WOS:000401426800003, ISBN: 978-0-08-100883-6, https://www.sciencedirect.com/science/article/pii/B9780081008836000034	8 / nr. autori ai articolului citat	0,73
303. *Bioactive glass thin films synthesized by advanced pulsed laser techniques*, Mihailescu, N, Stan, GE, Ristoscu, C, Sopronyi, M, Mihailescu, IN, Edited by: Chamati H; Genova J; Gesheva K; Ivanova T; Paskaleva A; Szekeres A, Source: INERA CONFERENCE: VAPOR PHASE TECHNOLOGIES FOR METAL OXIDE AND CARBON NANOSTRUCTURES Book Series: Journal of Physics Conference, 764 Article Number: 012020 DOI: 10.1088/1742-6596/764/1/012020, 2016, https://iopscience.iop.org/article/10.1088/1742-6596/764/1/012020/meta	8 / nr. autori ai articolului citat	0,73
304. *Pulsed Electron Deposition of nanostructured bioactive glass coatings for biomedical applications*, Bellucci, Devis; Bianchi, Michele; Graziani, Gabriela; et al., Ceramics International, vol. 43, issue 17, Pages 15862-15867, 2017, ISSN:0272-8842, **Q1**, https://www.sciencedirect.com/science/article/pii/S0272884217318576	8 / nr. autori ai articolului citat *2	1,45
305. *Production of Biomaterial Coatings by Laser-Assisted Processes*, Lawrence, J, Pou, J, Lusquinos, F, Comesana, R, Boutinguiza, M, Advances in laser materials processing: technology, research and applications, 2nd edition Book Series: Woodhead Publishing Series in Welding and Other Joining Technologies Pages: 381-412 DOI: 10.1016/B978-0-08-101252-9.00014-5, 2018, WOS:000447327700015, ISSN: 2052-5532, ISBN: 978-0-08-101253-6; 978-0-08-101252-9, https://www.sciencedirect.com/science/article/pii/B9780081012529000145	8 / nr. autori ai articolului citat	0,73
306. *Fabrication and characterization of biomimetic hydroxyapatite thin films for bone implants by direct ablation of a biogenic source,* Graziani, G; Berni, M; (...); Bianchi, M, Materials Science and Engineering: C, Jun 2019, 99, pp.853-862, **Q1**, https://www.sciencedirect.com/science/article/pii/S0928493118317454?via%3Dihub	8 / nr. autori ai articolului citat *2	1,45
307. *A Comprehensive Review of Bioactive Glass Coatings: State of the Art, Challenges and Future Perspectives*, Sergi, R; Bellucci, D and Cannillo, V, Coatings, Aug 2020, 10 (8), **Q2**,	8 / nr. autori ai articolului citat *2	1,45

https://www.mdpi.com/2079-6412/10/8/757		
308. *Substituted Hydroxyapatite, Glass, and Glass-Ceramic Thin Films Deposited by Nanosecond Pulsed Laser Deposition (PLD) for Biomedical Applications: A Systematic Review*, Teghil, R; Curcio, M and De Bonis, A, Coatings, Jul 2021, 11 (7), **Q2**, https://www.mdpi.com/2079-6412/11/7/811	8 / nr. autori ai articolului citat *2	1,45
309. *Glass-ceramics in dentistry: Fundamentals, technologies, experimental techniques, applications, and open issues*, Montazerian, M; Baino, F; (...); Mauro, JC, Progress in Materials Science, Feb 2023, 132, **Q1**, https://www.sciencedirect.com/science/article/abs/pii/S0079642522001049?via%3Dihub	8 / nr. autori ai articolului citat *2	1,45
Articolul: **Floroian L.**, Savu B., Sima F., Mihailescu I. N., Tanaskovic D., Janackovic D., *Synthesis and characterisation of bioglass thin films, Digest Journal of Nanomaterials and Biostructures, vol 2, nr 3, pp. 285-291, 2007, ISSN 1842–3582*, **4 citări** **Citat în:**		
310. *Bioglass thin films for biomimetic implants*, C. Berbecaru, H.V. Alexandru, Adelina Ianculescu, A. Popescu, G. Socol, F. Sima, Ion Mihailescu, Applied Surface Science, Volume 255, Issue 10, 1 March 2009, Pages 5476–5479, ISSN:0169-4332, **Q1**, https://www.sciencedirect.com/science/article/pii/S0169433208018631	8 / nr. autori ai articolului citat *2	2,67
311. *Comparative studies on the structural properties of plasma treated bioglasses and composites*, A. Simon, O. Dinu, M. Papiu, V. Simon, H. Mocuta, J. Papp, S. D. Anghel, Romanian Reports of Physics, 2012, Volume: 57, Issue: 9-10, pp. 1392–1402, ISSN:1841-8759, **Q3**, https://scholar.google.co.il/scholar?q=Comparative+studies+on+the+structural+properties+of+plasma+treated+bioglasses+and+composites&hl=en&as_sdt=0&as_vis=1&oi=scholart	8 / nr. autori ai articolului citat	1,33
312. *New electrochemical and physical measurements on sensitive glasses in thin-film technology*, Gerlach, F; Ahlborn, K and Vonau, W, Electrochem. Sci. Eng., 2020, 10 (2), pp. 177-184, **Q3**, https://pub.iapchem.org/ojs/index.php/JESE/article/view/720	8 / nr. autori ai articolului citat	1,33
313. *Substituted Hydroxyapatite, Glass, and Glass-Ceramic Thin Films Deposited by Nanosecond Pulsed Laser Deposition (PLD) for Biomedical Applications: A Systematic Review*, Teghil, R; Curcio, M and De Bonis, A, Coatings, 2021, 11 (7), **Q2**, https://www.mdpi.com/2079-6412/11/7/811	8 / nr. autori ai articolului citat *2	2,67
A.3.1.2. Citari în reviste BDI – 21 citări		
314. titlu citat: Ochratoxin A Detection on Antibody-Immobilized on BSA-Functionalized Gold Electrodes, issn citat:1932-6203 titlu:*Towards simple, rapid point of care testing for clinically important protein biomarkers of sepsis* revista: SCIOL Biotechnology, 1 (1). pp. 1-8, An Aparitie: 2017 nrAutori:5 https://strathprints.strath.ac.uk/63073/1/Steel_etal_SB_2017_Towards_simple_rapid_point_of_care_testing_for_clinically_important_protein_biomarkers_of_sepsis.pdf	4 / nr. autori ai articolului citat	0,80
315. titlu citat: Ochratoxin A Detection on Antibody-Immobilized on BSA-Functionalized Gold Electrodes, issn citat:1932-6203, titlu: *Construçao e aplicaçao de um imunossensor para detecçao do marcador de insuficiencia renal aguda: a cistatina C* revista: Construçao e aplicaçao de um	4 / nr. autori ai articolului citat	0,80

imunossensor…, An Aparitie:2016 nrAutori:5 http://www.teses.usp.br/teses/disponiveis/18/18158/tde-25012017-114559/en.php		
316. Titlu citat: Stainless steel surface biofunctionalization with PMMA-bioglass coatings: compositional,... issn citat:0957-4530 titlu: Chapter 11 - *Recent advances of graphene family nanomaterials for nanomedicine*, Pages 413-455 revista: Fullerens, Graphenes and Nanotubes: A Pharmaceutical Approach, issn citeaza:978-0-12-813691-1 An Aparitie: 2018 nr Autori:9 https://doi.org/10.1016/B978-0-12-813691-1.00011-7	4 / nr. autori ai articolului citat	0,44
317. Titlu citat: Evaluation of biocompatibility and bioactivity for pmma – bioactive glass nanocomposite films obtained by MAPLE issn citat:1223-7027 titlu: *Microreactors and CFD as Tools for Biocatalysis Reactor Design: A case study*, revista: Chemical Engineering & amp; Technology, issn citeaza:1521-4125 An Aparitie: 2013, nr Autori: 5 https://onlinelibrary.wiley.com/doi/abs/10.1002/ceat.201200667	4 / nr. autori ai articolului citat	0,80
318. Titlu citat: Evaluation of biocompatibility and bioactivity for pmma – bioactive glass nanocomposite films obtained by MAPLE, issn citat:1223-7027 titlu: *Obţinerea, caracterizarea structurală şi evaluarea bioactivităţii/biocompatibilită?ii cimenturilor ortopedice pmma/mg^ sub 3^ AL,* revista: Revista Romana de Materiale, issn citeaza:2457-502X AnAparitie:2017 nrAutori:5 https://search.proquest.com/openview/02a2784d545b26fcad89944e445e16ad/1?pq-origsite=gscholar&cbl=1216365	4 / nr. autori ai articolului citat	0,80
319. Titlu citat: Functionalized Antimicrobial Composite Thin Films Printing for Stainless Steel Implant Coatings, issn citat:1420-3049 titlu: *Recent advances in antibacterial drug development* revista: International Journal of Recent Scientific Research Vol. 9, Issue, 5(A), pp. 26501-26505 issn citeaza:0976-3031 AnAparitie:2018 nrAutori:11 https://www.researchgate.net/profile/Wieslaw_Swietnicki3/publication/325398881_RECENT_ADVANCES_IN_ANTIBACTERIAL_DRUG_DEVELOPMENT/links/5b0c07520f7e9b1ed7fa9d49/RECENT-ADVANCES-IN-ANTIBACTERIAL-DRUG-DEVELOPMENT.pdf	4 / nr. autori ai articolului citat	0,36
320. Titlu citat: Functionalized Antimicrobial Composite Thin Films Printing for Stainless Steel Implant Coatings, issn citat:1420-3049 titlu: *Characterisation of Antibacterial and Antibiofilm Activities of Poly(Ethylene Glycol)-PolyDimethylsiloxane (PEG-PDMS) Polyurethane Copolymers Towards the Formation of Marine Biofilm in Staphylococcus sp*. revista: Undergraduate Research Journal for Biomolecular Science, http://www.ukm.my/urjbsb/wp-content/uploads/2017/12/Rosha-Asyikha-Mohd-Sham-1.pdf	4 / nr. autori ai articolului citat	0,36
321. Titlu citat: Functionalized Antimicrobial Composite Thin Films Printing for Stainless Steel Implant Coatings, issn citat:1420-3049 titlu: *UV- and RIR-MAPLE: Fundamentals and Applications* revista: Advances in the Application of Lasers in Materials Science issn citeaza:0933-033X AnAparitie:2018 nrAutori:11 https://link.springer.com/chapter/10.1007/978-3-319-96845-2_10	4 / nr. autori ai articolului citat	0,36
322. Titlu citat: Evaluation of Ag containing hydroxyapatite coatings to the Candida albicans infection, issn citat:0167-7012, titlu: *Hydroxyapatite-Based Materials for Potential Use in Bone Tissue Infections* revista: IntechOpen, An Aparitie: 2017, nr Autori: 10 https://www.intechopen.com/books/hydroxyapatite-advances-in-composite-nanomaterials-biomedical-applications-and-its-technological-facets/hydroxyapatite-based-materials-for-potential-use-in-bone-tissue-infections	4 / nr. autori ai articolului citat	0,40
323. Titlu citat: New approaches for electrochemical detection of ascorbic acid, issn citat:0014-8237, titlu: *Decontamination of Hydrochloric and Nitric*	4 / nr. autori ai	0,40

Acids revista: International conference KNOWLEDGE-BASED ORGANIZATION, Conference proceedings, issn citeaza:2451-3113 An Aparitie: 2018 nr Autori: 10 https://content.sciendo.com/view/journals/kbo/24/3/article-p173.xml	articolului citat	
324. Titlu citat: New approaches for electrochemical detection of ascorbic acid, issn citat: 0014-8237, titlu: *Analysis of supporting indicators for innovation in Romania compared to neighboring EU countries*, revista: MATE	4 / nr. autori ai articolului citat	0,40
325. Titlu citat: Simple Surface Functionalization Strategy for Immunosensing Detection of Aflatoxin B1, issn citat:1452-3981, titlu: *Functionalization on Sensing Surfaces for Efficient Biomolecular Capturing*, revista: Nanobiosensors for Biomolecular Targeting Micro and Nano Technologies 2019, Pages 51-94, issn citeaza:978-0-12-813900-4, An Aparitie: 2019, nr Autori: 4 https://www.sciencedirect.com/science/article/pii/B9780128139004000038	4 / nr. autori ai articolului citat	1,00
326. Titlu citat: Polymer-bioglass composite coatings: a promising alternative for advanced biomedical implants, titlu: *Biopolymer thin films synthesized by advanced pulsed laser techniques,* revista: Recent Advances in Biopolymers, Farzana Khan Perveen, IntechOpen, DOI: 10.5772/61734, An Aparitie: 2016, nr Autori: 4 https://www.intechopen.com/books/recent-advances-in-biopolymers/biopolymer-thin-films-synthesized-by-advanced-pulsed-laser-techniques	4 / nr. autori ai articolului citat	1,00
327. Titlu citat: Polymer-bioglass composite coatings: a promising alternative for advanced biomedical implants, titlu: *Bioactive glass thin films synthesized by advanced pulsed laser techniques*, revista: Journal of Physics: Conference Series, Volume 764, Number 1 issn citeaza:1742-6596, An Aparitie: 2016, nr Autori: 4 https://iopscience.iop.org/article/10.1088/1742-6596/764/1/012020/pdf	4 / nr. autori ai articolului citat	1,00
328. Titlu citat: Fractional adaptive control for a fractional-order insuline-glucose dynamic model, titlu: *A Stability Analysis of Inverted Pendulum System Using Fractional-Order MIT Rule of MARC Controller,* revista: Information and Decision Sciences pp 159-167 issn citeaza:978-981-10-7562-9, An Aparitie: 2018, nr Autori: 3 https://link.springer.com/chapter/10.1007/978-981-10-7563-6_17	4 / nr. autori ai articolului citat	1,33
329. Titlu citat: Fractional adaptive control for a fractional-order insuline-glucose dynamic model, titlu: *A Better Stability Control of Inverted Pendulum System Using FMINCON Based FOPID Controller Over Fractional Order Based MRAC Controller*, revista: International Journal of Natural Computing Research (IJNCR) 8(1), Pages: 13 DOI: 10.4018/IJNCR.2019010102, issn citeaza:1947-928X, An Apariti https://www.igi-global.com/article/a-better-stability-control-of-inverted-pendulum-system-using-fmincon-based-fopid-controller-over-fractional-order-based-mrac-controller/219799	4 / nr. autori ai articolului citat	1,33
330. Titlu citat: Accelerated life test for photovoltaic cells using concentrated light, issn citat:1110-662X, titlu: *Experimental and numerical study on the transient behavior of multi-junction solar cell-thermoelectric generator hybrid system*, revista: Energy Conversion and Management, Volume 184, 15 March 2019, Pages 448-455 issn citeaza:0196-8904, An Aparitie: 2019, nr Autori: 4 https://www.sciencedirect.com/science/article/pii/S0196890419301359	4 / nr. autori ai articolului citat	1,00
331. Titlu citat: Accelerated life test for photovoltaic cells using concentrated light, issn citat:1110-662X, titlu: *Using the genetic algorithm to determine the parameters of photovoltaic cells and panels* revista: IEEE Xplore 2018, International Symposium on Electronics and Telecommunications (ISETC), DOI: 10.1109/ISETC.2018.8584016, An Aparitie: 2018, nr Autori: 4	4 / nr. autori ai articolului citat	1,00

https://ieeexplore.ieee.org/abstract/document/8584016		
332. Titlu citat: Accelerated life test for photovoltaic cells using concentrated light, issn citat:1110-662X, titlu: *Performance evaluation of a high-temperature thermoelectric generator under different solar concentrations*, revista: Energy Procedia, Volume 147, August 2018, Pages 624-630 issnciteaza:1876-6102 AnAparitie:2018 nrAutori:4 https://www.sciencedirect.com/science/article/pii/S1876610218302376	4 / nr. autori ai articolului citat	1,00
333. Titlu citat: Optimization of electrochemical detection of L-ascorbic acid from plant food supplements, issn citat:2163-2839 titlu: *Enhancement the Oxidation Constant During Oxidative Degradation of Vitacid C Tablets Catalyzed by Phosphate Buffer,* revista: Current Organocatalysis, Volume 5, Number 2, May 2018, pp. 130-136(7), Issn citeaza:2213-3372 http://www.eurekaselect.com/163370/article	4 / nr. autori ai articolului citat	0,44
334. Titlu citat: Floroian, L., Boer, A., *In vitro studies on pmma-bioglass composite films*, Bulletin of the Transilvania University of Brasov, vol 2 (51), Series III, Braşov, 2009, pp. 269-279, ISSN 2065-2151, Citat în: *Nanoscale bioactive glasses and their composites with biocompatible polymers*, Khera, Rasheed A., and Munawar Iqbal., Chemistry International 1.1 (2015) pp. 17-34, ISSN:1365-2192, https://www.academia.edu/17988577/Nanoscale_bioactive_glasses_and_their_composites_with_biocompatible_polymers	4 / nr. autori ai articolului citat	2,00
TOTAL A.3.1.		**565,54**
Recunoaşterea şi impactul activităţii (A3) **A.3.3. Membru în colectivele de redacție sau comitete științifice ale revistelor, organizator de manifestări științifice / Recenzor pentru reviste și manifestări științifice internationale indexate BDI**	**Indicatori (Kpi)**	**Punctaj obținut**
1. Membru în colectivul de redacție al revistei *Research and Reviews in Materials Science and Chemistry,* ISSN 2319-6920	Punctaj unic	6
2. Membru în colectivul de organizare al conferinței *International Conference of Advanced Laser Technologies, ALT 2006* Brasov, Romania, http://biofiz.unitbv.ro/icanmbes2010/committees.html	Punctaj unic	6
3. Membru în colectivul de organizare al conferinței *14th International Conference on Plasma Physics and Applications* CPPA 2007, http://cppa2007.inflpr.ro/First_call_14th_CPPA_2007.pdf	Punctaj unic	6
4. Membru în colectivul de organizare al conferinței *First International Conference on Analytical and Nanoanalytical Methods for Biomedical and Environmental Sciences* IC-ANMBES 2010, http://biofiz.unitbv.ro/icanmbes2010/committees.html	Punctaj unic	6
5. Membru în colectivul de organizare al conferinței *International Conference on Healthy Nutrition and Public Health,* IC-HNPH – 2011, http://ichnph.unitbv.ro/html/committees.html	Punctaj unic	6
6. Membru în colectivul de organizare al conferinței *Second International Conference on Analytical and Nanoanalytical Methods for Biomedical and Environmental Sciences* IC-ANMBES 2012, http://icanmbes.unitbv.ro/html/committees.html	Punctaj unic	6
7. Membru în colectivul de organizare al conferinței internationale *New Trends on Sensing - Monitoring - Telediagnosis for Life Sciences,* Brasov, Romania, July 24-26, 2014 http://www.healthfoodenviron.unitbv.ro/2014/	Punctaj unic	6
9. Membru în colectivul de organizare al conferinței *10th International Conference on Photoexcited Processes and Applications*, August 29 – September 2, 2016, Brasov, Romania http://icpepa10.com/committees/	Punctaj unic	6
10. Membru în colectivul de organizare al conferinței internationale *New Trends on Sensing - Monitoring - Telediagnosis for Life Sciences,* 7 – 9 sept 2017, București, România, http://www.healthfoodenviron.unitbv.ro/2017/	Punctaj unic	6

11. Membru în colectivul de organizare al conferinței *Nuclear Photonics 2018* Brasov, Romania, June 24-29 2018 http://nuclearphotonics2018.eli-np.ro/committees.php	Punctaj unic	6
12. Membru în colectivul de organizare al conferinței internationale New Trends on Sensing - Monitoring - Telediagnosis for Life Sciences, 30 aug - 1 Sept, 2018, Brasov, Romania http://www.healthfoodenviron.unitbv.ro/2018/	Punctaj unic	6
13. Membru în colectivul de organizare al The 5th International Conference New Trends on Sensing - Monitoring - Telediagnosis for Life Sciences NT-SMT-LS July 3 - 4, 2020, Bucharest, România http://www.healthfoodenviron.unitbv.ro/2020/organizers/	Punctaj unic	6
14. Membru în colectivul de organizare al The 6th International Conference New Trends on Sensing - Monitoring - Telediagnosis for Life Sciences, NT-SMT-LS 2022, September 8 - 10, 2022, Brașov, România, https://www.healthfoodenviron.unitbv.ro/2022/organizers/	Punctaj unic	6
TOTAL A3.3.		**72**

Recunoaşterea şi impactul activităţii (A3) **3.4. Premii** **3.4.1. ASAS, AOSR, academii de ramură, premii internationale**	**Indicatori (Kpi)**	**Punctaj obținut**
1. Premiul ASTR 2024, "Traian Negrescu", pentru lucrarea *Funcţionalizarea suprafeţelor pentru aplicaţii medicale şi electronică,* Autori Floroian L., Samoilă C., Ursuțiu D., Ed. Universităţii Transilvania din Braşov, 2022.	15	15
2. POSTER AWARD la conferința internațională New Trends on Sensing - Monitoring - Telediagnosis for Life Sciences Brasov, Romania, September 3-5, 2015, pt lucrarea: "*Bioactivity and biological studies on thin films of implant covering*" **L. Floroian**, M. Badea, D. Floroian, C. Samoila	15	15
3. POSTER AWARD la conferința international New Trends on Sensing - Monitoring - Telediagnosis for Life Sciences, Brasov, Romania, 30 aug. – 1 Sept. 2018, pt lucrarea: "I*n vivo evaluation of oxidative stress induced by metalic implants", autori* ***L. Floroian****, D.V. Enache, G. Puchianu, L. Gaceu, M. Badea*	15	15
4. Poster award la The 6th International Conference New Trends on Sensing - Monitoring - Telediagnosis for Life Sciences NT-SMT-LS Brasov, Romania, 8 - 10 Sept. 2022, pt. lucrarea "IT technologies for medical data management", autori L.D. Dogar, **L. Floroian**	15	15
TOTAL A3.4.1.		**60**
TOTAL A3.		**697,54**

3. Gradul de indeplinire a standardului privind acordarea titlului de profesor

Condiții minimale (A)			
Nr. crt.	**Categoria**		**Punctaj obținut Laura Floroian**
	Domeniul de activitate	**Condiții Profesor**	
1	Activitatea didactică / profesională (A1)	**Minim 100 puncte**	**107,85**
2	Activitatea de cercetare (A2)	**Minim 600 puncte**	**1153,37**
3	Recunoaşterea impactului activității (A3)	**Minim 150 puncte**	**697,54**
4	Factor de impact cumulat pentru publicații	Minim 10	101,20
Total (1+2+3)		**850 puncte**	**1958,76**

Condiții minimale pe subcategorii - PROFESOR

		Obligatorii	Realizate
A1.1.1-A1.1.2	Cărți de specialitate	1	2
A2.1	Articole/conferințe ISI	15 Din care min 3: **Q1** sau **Q2**	37 Din care 16: **Q1** sau **Q2**
A2.4.1	Granturi/proiecte de cercetare – director	2	3
A3.1.1	Citari în cărți și reviste ISI	25	313

Data:
10.07.2025

conf. dr. fiz. FLOROIAN LAURA